Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

12 GOLD STREET | June 1, 1936 | NEW YORK, N. Y.

X-129 #22

Cliffs Dow

DEVOTED TO THE EXCLUSIVE PRODUCTION OF WOOD CHEMICALS AND ALLIED PRODUCTS

Acetic Acid
Activated Carbon
Charcoal
Creosote Oils
Ferrous Acetate (Iron Liquor)
Hardwood Pitch
Hardwood Tar
Methanol
Methyl Acetone
Propionic Acid

CLIFFS DOW CHEMICAL COMPANY
MARQUETTE, MICHIGAN

WAREHOUSES

New York, Cleveland, Buffalo, Detroit, Chicago, Baltimore, Cincinnati, St. Louis, Philadelphia, Louisville, Kansas City, Pittsburgh, Minneapolis

Headquarters for Industrial Chemicals
Warehouses: Buffalo - Rochester - Syracuse - Jamestown, N. Y.
ROLLS CHEMICAL CO. - Buffalo, N. Y.

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE QUINIDINE
and their Salts

"MAARSSEN" BRAND
"AMSTERDAM" BRAND

• • •

CAFFEINE ALKALOID

"SANKA" BRAND

• • •

DISTRIBUTED BY
R. W. GREEFF & CO., Inc.
10 EAST 40th STREET NEW YORK CITY

WM. S. GRAY & CO.
342 MADISON AVENUE
NEW YORK CITY

Sodium Silico Fluoride
WAREHOUSE STOCKS

DU PONT
REG. U.S. PAT. OFF.
PURE SYNTHETIC
METHANOL
MERITS YOUR CONSIDERATION

BECAUSE OF ITS HIGH PURITY AND UNIFORMITY, DU PONT SYNTHETIC METHANOL HAS BEEN FOUND APPLICABLE TO MANY NEW INDUSTRIAL USES. AS A SOLVENT ITS ECONOMY IS PROVEN.

WRITE FOR PARTICULARS
E. I. DU PONT DE NEMOURS & CO., INC.
NATIONAL AMMONIA DIVISION
Frankford, Philadelphia, Pennsylvania
Empire State Bldg. New York, N. Y.
3600 N. Broadway St. Louis, Mo.

20 TRADE MARK REG. U.S. PAT. OFF.
Guaranteed 99½% to 100% Pure
BORAX
BORIC ACID
Refined and U. S. P.
» Crystal » Granulated » Powdered » Impalpable »
» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »
Samples on request
PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO LOS ANGELES

Oil, Paint and Drug Reporter
The Market Authority Since 1871
Chemicals-Dyestuffs-Drugs-Paints-Oils-Fertilizers

Copyright 1936 by
Oil, Paint and Drug Reporter, Inc.

Founded October 18, 1871, by
William O. Allison

Comprising the Drug, Paint and Oil Trade, the New York Drug Bulletin, the Weekly Drug News, the New York Druggists' Price Current, the Soap Makers' Journal, the Oil and Paint Review, and the International Petroleum Reporter

Entered as second-class matter, January 15, 1884, at the Post Office at New York, N. Y., under the act of March 3, 1879.

Published every Monday by
Oil, Paint and Drug Reporter, Inc.
12 Gold Street, New York, N.Y.
Telephone JOhn 4-2357
Cable Address, Reporter, New York

Harry J. Schnell, President and Treasurer
Frank V. Baldwin, Vice-president
Daniel G. Bogert, Secretary

Advertising rates furnished on application; questionable advertisements refused. Closing dates—Display advertisements, Wednesday noon; classified, Thursday.

Subscription price per year — In the United States, $5.00; Canada, $7.00; other foreign countries, $10.00. Payable in advance.

Address all communications to, and make all remittances payable to Oil, Paint and Drug Reporter, Inc.

Vol. 129 June 1, 1936 No. 22

Closing Market Developments

Paraffin Wax Firm

Scale paraffin wax was firm as the week ended. There is still some 122-124 A.m.p. wax available in car lots at 2¼c. per pound but most sellers quoted 2.30c. Friday afternoon.

Fertilizer Organics Steady

Livened by the week's earlier trade in foreign and domestic nitrogenous material, fertilizer organics received more attention from buyers as last week drew to a close. Actual purchases were light but inquiries were quite active. Prices were steady.

Tin Crystals Lower

The market for tin crystals was fractionally lower at 35c. to 35½c. per pound. Soda stannate was 1c. per pound lower at 30c. to 33c. per pound, and tin anhydrous tetrachloride was down ½c. per pound at 23c. per pound. Tin Straits was lower at 45¼c. to 45½c. per pound.

Cardamom Down Slightly

Out-of-town concerns showed a disposition to sell decorticated cardamom, principally for the reason that the recent severe advance in prices permits holders of a surplus to net a pleasing profit if sold on the basis of 95c. per pound. The range was to $1 per pound as to holder. Replacements held strong in price. Spot offerings were very small.

Vegetable Oils Quiet

The market for vegetable oils was quiet at the week end with a rather general disposition among both buyers and sellers to hold off for more definite and detailed information concerning the proposed new taxes before entering extensively into new commitments. Quotations generally remained about as previously noted with offerings light and the figures in many cases merely nominal.

Tallow Firmer

Tallow was firmer on spot late in the week although 4⅛c. per pounds, f.o.b., continued to be quoted for extra. There were unconfirmed reports current however, of sales at ⅛c. to ¼c. above that figure. Tallow futures ruled firm throughout the week. July sold on Friday at 5c. per pound, showing an advance of about 35 points as compared with the closing of the previous week. Interest in the tallow situation broadened materially last week, largely as a result of the proposed duty on imported product.

Contents of This Issue

The Oil, Paint and Drug Reporter is fully protected by copyright, and nothing that appears in it may be reprinted or reproduced in any manner for distribution without special permission.

RECEIVED JUN 1 1936

General Features

Advertisers' Index 65
Bids Wanted 28
Chemical Price Trends 26
Classified Advertisements 64
Closing Market Developments ... 2
Contracts Awarded ..... —
Corporation Earnings ..... —
Correspondence ..... —
Dividends Declared ..... —
Editorials 25
Foreign Tariff Notes 26
Foreign Trade Openings ..... —
Informative Booklets 40
Industrial Uses of Chemicals 36
Obituaries 64
Prices Current 4
Scientific, Professional Services. 56
Some New Books ..... —
Trade-Names and Brand-Names —
Trade News Briefs 22
What You Can Use 54
Where You Can Sell 36

News, Technical and Statistical Articles

American I. G. Chemical Earnings at $3,302,939 32
Alcohol C. D. Formulas Contain New Ingredient 27
Chemical Employment in April Showed Decrease 26
Chandler Medal Given to Prof. Giauque 26
Caustic Potash Project in Japan ... 42
Cleveland P.V.L.A. Elects 54
Caustic Soda Freights Cancelled .. 32
Cox Enters 57th Tilden Year 26
Dohme Stockholders Denied Review 47
Dye Sales to Fur Dyers Not Subject to N. Y. Tax 34
Drug Bill Is Changed in Major Respects 27
Egypt Offers Prize for Cotton Pest Destroyer 27
Fatty Acids from Coal to Be Made in Germany 34
Glyco Offers New Emusificant 32
German Chemical Exports Show Decreasing Volume 32
Gibbs Medal Given to Prof. Adams. 26
Glidden Sees Paint Increase 35
Huisking Back from Europe 63
Industrial Alcohol Data 31
Keim Is Honored at Bon Voyage Dinner 26
Magnesium Production in 1935 31
MM&R Western Sales Agent 52
New England Paint Club Outing ... 64
Oils, Fats Taxes Proposed on Imports and Processing 27
Petroleum Taxes Raised in New Disney Measure 27
Patman Bill Revised in Passage by House 27
Petroleum Products Many Uses 47
Petroleum Production 53
Petroleum Market Status 53
Railroad Truck Delivery in East Blocked by I.C.C 26
Soda Iodide Authorized as Alcohol Denaturant 27
Swann & Co. Interested in New Caustic Process 32
Shellac Importers Golf and Keep Scores Secret 35
Schimmel & Co. Issues 1935 Scientific Report 52
Toilet Goods Association to Petition Parties to Abolish Nuisance Taxes 27
World Chemical Developments in 1935 26
W. E. Weiss, Jr., Heads Alba Co ... 54
Warner-Quinlan Opposes Rate Rise 64

Market Reports

Heavy Chemicals 29
Acids 31
Insecticides 31

Coaltar Chemicals 33
Acids 33
Basic Products 33
Colors 34
Other Intermediates 34

Dyestuffs and Textile and Leather Chemicals 35
Chemicals 35
Dyestuffs 35
Sizing Materials 35
Tanning Materials 35

Paint, Varnish, Lacquer Materials 37
Driers 40
Dry Colors 38
Fillers and Extenders 38
Glues and Binders 40
Lacquer Materials 39
Metallic Lead and Zinc 37
Naval Stores 38

Paint, Varnish, Lacquer Materials—
Pigments 37
Shellac 39
Synthetic Resins 38
Varnish Gums 38

Oils, Fats and Waxes 41
Animal Oils 43
Cottonseed Oil 42
Fats and Greases 43
Fatty Acids 43
Fish Oils 43
Linseed Oil 42
Vegetable Oils 41
Waxes 43

Botanical Drugs and Gums 49
Balsams 49
Barks 49
Beans 49
Berries 49
Flowers 49
Gums 50

Botanical Drugs and Gums—
Herbs and Leaves 50
Miscellaneous 50
Roots 50
Seeds 50
Spices 50

Drugs and Fine Chemicals 45

Essential Oils and Aromatic Chemicals 51
Aromatic Chemicals 52
Essential Oils 51

Petroleum Solvents, Lubricants, Fuels 53
Fuels and Lubricants 53
Lighter Fractions 53
Petrolatums and Waxes 53
Solvents and Diluents 53

Fertilizer Materials 55
Ammoniates 55
Phosphates 55
Potashes 55
Sulphur and Pyrites 56

Import, Export and Coastwise Shipments

Imports:—
Baltimore 59
Boston 59
Galveston 59
Gulfport 59
Houston 59
Los Angeles 59
Mobile 59
New Orleans 59
New York 57
New York in Transit 59
Norfolk 59
Philadelphia 59
Portland, Ore 59
Port Townsend 59
San Francisco 59
Savannah 60
Seattle 60
Tacoma 60
Tampa 60

Imports Detained:—
Atlanta 63
Baltimore 63
Boston 63
New York 63
Philadelphia 63
San Francisco 63
Seattle 63

Exports:—
Baltimore 60
Beaumont 60
Boston 60
Corpus Christi 61
Galveston 61
Gulfport 61
Houston 61
Lake Charles 61
Los Angeles 61

Exports:—
Mobile 61
New Orleans 61
New York 60
Norfolk 61
Panama City 61
Philadelphia 61
Port Arthur 62
San Francisco 62
Savannah 62
Tampa 62

Coastwise Shipments:—
Corpus Christi 62
Los Angeles 62
Pensacola 62
San Francisco 62

Cargo Ship Arrivals 63
Recent Charters 63

Butyl Cellosolve

. . . because of high solvent power for many substances, it produces better lacquers, improves synthetic resin finishes, and is an excellent coupling agent.

BUTYL CELLOSOLVE combines in one material the desirable solvent properties of both Cellosolve and butanol. Consequently, it possesses a wide range of solvent power and a correspondingly wide variety of uses in many industries.

Butyl Cellosolve makes good lacquers better. Its nitrocellulose dilution ratio with petroleum spirits is extremely high, and it is an excellent solvent for gums and resins. These characteristics, coupled with slow solvent action on undercoats and low volatility, mean that the finished lacquer flows evenly, is resistant to gum and humidity blushing, does not lift the undercoat, and gives a smooth surface of brilliant gloss. In synthetic resin finishes, a few percent of Butyl Cellosolve allows a higher solid content at spraying viscosity, and a better flow-out.

Butyl Cellosolve is soluble in, and exerts marked solvent action on, both oil and water. Hence, it is a good coupling agent and mutual solvent for making "soluble" oils, clarifying turbidity, holding water or soap in petroleum naphthas, and similar uses. For example, two to five percent of Butyl Cellosolve will often clarify a stubborn, murky "soluble" oil and improve its salability, whether it be in the textile, leather or metal-working industries.

Further information together with a sample of Butyl Cellosolve* for experimental purposes is available without obligation. Write for it.

The word "Cellosolve" is trademarked.

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Current Market Quotations

All matter under this heading fully protected by copyright

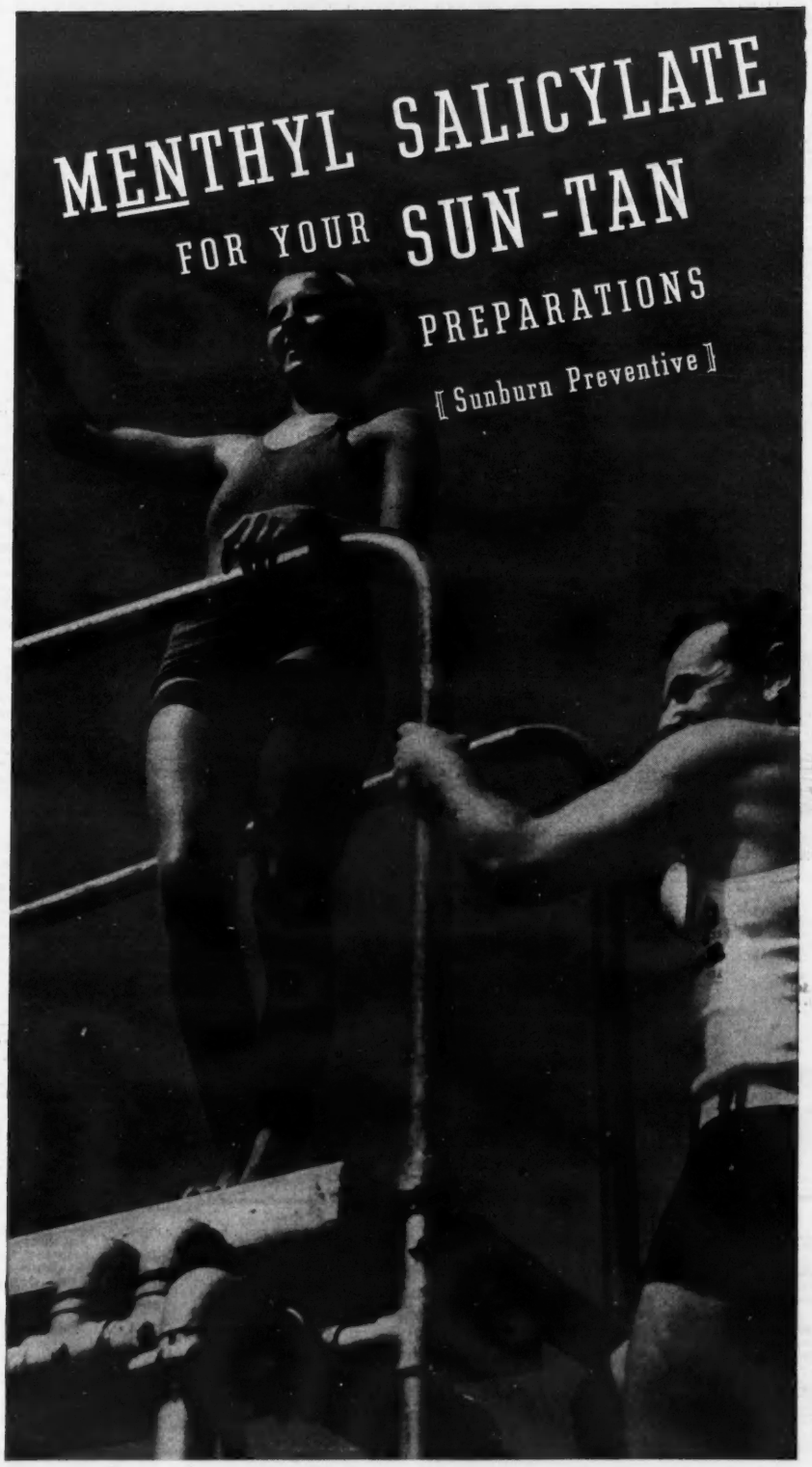
When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 2.

Acacia—Alumina Chloride

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., works.....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls...lb. .24 Nom.
USP, bbls.....lb. .28 - —
Acetin, tech., dms.....lb. .23 - .28
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms, c.l., delvd.lb. .06½- —
l.c.l., delvd.....lb. .09 - —
tanks, delvd.....lb. .08 - —
Methyl (see M)
Acetophenone, bots., cns.....lb. 1.25 - 2.25
Acetphenetidin, kegs.....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l. .07 - —
Acetic, comi. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. .....100 lbs. 2.95 - 3.20
56%, bbls.....100 lbs. 4.60 - 4.85
cbys. .....100 lbs. 5.10 - 5.35
70%, bbls.....100 lbs. 5.72 - 5.98
cbys. .....100 lbs. 6.22 - 6.48
80%, bbls.....100 lbs. 6.53 - 6.78
cbys. .....100 lbs. 7.06 - 7.30
glacial, natl., CP., cbys.100 lbs.14.00 - —
comi., bbls.....100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP., dms.....100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
synth., 99.9%, al. dms.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP., reagent, 99.9%, al. dms..100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
pure, 30%, bbls.....100 lbs. 3.52 - 3.77
cbys. .....100 lbs. 3.92 - 4.17
36%, bbls.....100 lbs. 3.95 - 4.20
cbys. .....100 lbs. 4.45 - 4.70
60%, bbls.....100 lbs. 6.66 - 6.92
cbys. .....100 lbs. 7.12 - 7.38
80%, bbls.....100 lbs. 8.32 - 8.58
cbys. .....100 lbs. 8.82 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts). $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. .....lb. .16 - .19
Acetylsalicylic, USP., bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs.....lb. .59 - —
50 lbs.....lb. .60 - —
25 lbs.....lb. .61 - —
kegs, 100 lbs.....lb. .58 - —
Anthranilic, refd., bbls.....lb. .83 - .85
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms, kegs....lb. .18 - —
Benzoic, tech., kegs.....lb. .40 - —
USP., kegs.....lb. .54 - .59
Battery, cbys.....100 lbs. 1.80 - 2.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP., $25 per ton higher.
Bromacetic, bbls.....lb. 1.16 - 1.21
Butyric, 99%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .26 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - —
Cegreic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17 - .17½
Chicago, bbls.....lb. 2.10 - —
Chinawood oil, dms.....lb. .20 - .21
Chlorosulphonic, dms.....lb. .06½- .08
Chromic, 99%, dms., delvd, N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.95 - 3.25
Citric, cryst., bbls.....lb. .27 - —
kegs .....lb. .27½- —
gran., bbls.....lb. .27 - —
kegs .....lb. .27½- —
powd., bbls.....lb. .27½- —
anhyd., gran., dms.....lb. .30 - —
powd., dms.....lb. .30½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Cleve's, bbls.....lb. .52 - .54
Cocoanut oil, white, dms.....lb. .09½- .10¼
Cottonseed oil, dms.....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., fob seaboard, f'rt. equald. E. producing points..gal .63 - .64
l.c.l., same basis.....gal. .65 - —
c.l., West, f'rt, equald. M.W. prod. points..gal. .66 - .67
l.c.l., same basis.....gal. .68 - —
low-boil, straw color, dms., over 500 gals., frt. equald, nearest competitive prod. point....gal. .73 - —
less 500 gals., same basis gal. .75 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .63 - .64
less 500 gals., same basis gal. .65 - —
low-boil, dms., over 500 gals., same basis..lb. .07¾- —
less 500 gals., same basis lb. .06 - —
imported, drums.....gal. .68 - .81
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. .....lb. .12 - .13
imported, cbys.....lb. .11 - .12
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .65 - .68
USP. IX, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms. .....lb. .1180-.1225
Hydriodic, 47%, bots.....lb. 2.25 - 2.26
57%, bots.....lb. 2.70 - 2.75
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls .....lb. .07 - .07½
lead, cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls..lb. .10½- .16
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, 22%, dark, bbls.....lb. .04½- .05
light, refined, bbls.....lb. .06½- .07
44%, dark, bbls.....lb. .09½- .10
light, refined, bbls.....lb. .11½- .12
USP, X, 85%, cbys.....lb. .45 - .50
USP, VIII, 75%, cbys.....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1250-.1290
tanks .....lb. .1190- —
extra white, dms.....lb. .11 - .11½
split, dms.....lb. .07¾- .08
refined, dms.....lb. .08½- .09
Laurent's, bbls.....lb. .46 - .47
Maleic, powd., dms.....lb. .29 - .40
anhydride, dms.....lb. .32 - .43
Malic, powd., kegs.....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .06¾- .07½
sulphuric unit.....lb. .0685- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls.....lb. .18 - .20
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys., c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys., c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.25 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .06½- .13½
Naphthenic, S.V. 120-200, dms. lb. .07 - .09
210-230, dms.....lb. .10 - .12
240-280, dms.....lb. .11 - .14
sludges, dms.....lb. .08 - .10
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys., c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys., c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys., c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys.....lb. .11½- .12½
7-lb. bots.....lb. .12½- .23½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls.....lb. .11½- .12¼
Palm oil, dms.....lb. .0760-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Pari, bbls.....lb. .62 - —
Perilla oil, dms. .....lb. .1110-.1150
Phenylacetic, bots.....lb. 2.00 - 2.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys., djns., lb. .14 - —
10%, dilut., cbys. djns..lb. .07 - .07½
Acid, picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, tech., cbys., dms.lb. .16 - .20
Pyrogallic, cryst., cns.....lb. 1.55 - 1.65
resubl, cns.....lb. 1.90 - 2.00
Rapeseed oil, dms.....lb. .12 - .13
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .40 - —
USP, bbls.....lb. .40 - .45
Sardine oil, dms.....lb. .09¼- .09½
Sebacic, tech., bbls., works..lb. .56 - —
Soybean oil, dms.....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., delvd..lb. .08½- .09½
single pressed, bgs., delvd.lb. .08 - .09
triple pressed, bgs., delvd.lb. .11½- .12¾
saponif., double pressed, bgs., delvd..lb. .09 - .10
triple pressed, bgs, delvd.lb. .11½- .12½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .18 - .19
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works.....ton.11.00 - —
66°, cbys., c.l., E works. 100 lbs. 1.35 - —
mid-W works.....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06¼- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. .....lb. .24½- —
Tobias, bbls.....lb. .70 - .72½
Trichloracetic, bots.....lb. 2.45 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .26 - .27
Aconitine, amorph., vis.....oz.17.00 - —
cryst., vis.....oz.30.00 - —
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar Agar, 1, bls.....lb. .65 - .66
2, bls.....lb. .62 - .63
3, bls.....lb. .54 - .55
Agaric, white, bls.....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago..lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .60
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .79 - .81
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable, ed., bbls., works..lb. .65 - .70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., divd..lb .15 - —
l.c.l., divd.....lb. .157 - —
tanks, divd.....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
Benzyl, bots.....lb. .95 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld.....lb. .10 - —
tanks, frt. alld.....lb. .08½- —
secondary, dms, c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
tertiary, denating, dms, frt. alld..lb. .14 - —
Capyri, pure, dms., works....lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP., fiber, etns, 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
Import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, dms., 350 lbs.....lb. .40 - —
Cinnamic, bots.....lb. 2.50 - 2.75
Denatured, CD5 rewis.; 5A; 10, 188 pf., dealers, 54-gal. dm., divd. E..gal. .40 - —
5-gal. dm., divd. E..gal. .46 - —
1-gal. can. divd. E..gal. .51 - —
Prices for territories other than E. of Rockies 8c. per gal. higher. Authorised jobbers' discount 20%. Tankcar sales re-jobbers' discount 20%. Tankcar sales require written authorisation by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
l.c.l., 5 to 19, E. works, gal. .40 - —
1 to 4, E. works...gal. .42 - —
Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .32 - —
f.o.b. W. points...gal. .29 - —
l.c.l., 20, E. works..gal. .36 - —
5 to 19, E. works..gal. .39 - —
1 to 4, E. works...gal. .41 - —
l.c.l., f.o.b. W. points, gal. .45 - —
tanks, E. works.....gal. .26 - —
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Special solvent, dms., c.l., E. works..gal. .32 - —
f.o.b. W points.....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works.....gal. .34 - —
5 to 19, E. works.....gal. .36 - —
5 to 9, f.o.b. W. points, gal. .52 - —
1 to 4, E. works.....gal. .40 - —
f.o.b. W. points...gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works.....gal. .27 - —
f.o.b. W. points.....gal. .35 - —
Tankcar sales require written authorisation by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Diacetone, pure, contract, dms., c.l., frt. alld.....lb. .13 - —
l.c.l., frt. alld.....lb. .13½- —
tech., contract, dms., c.l., frt. alld. .....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l.....gal. 4.13 - —
l.c.l. .....gal. 4.15 - 4.33
dms., c.l.....gal. 4.13 - —
l.c.l. .....gal. 4.14 - 4.34
tanks .....gal. 4.07 - —
Absolute, dms.....gal. 4.84 - 5.09
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest.....lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works.....lb. .22 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing .....gal. .55 - —
l.c.l., same terms....gal. .60 - .66
98%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld.....gal. .42 - —
Methyl (see Methanol)
Phenylethyl, bots.....lb. 3.00 - 4.25
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .15 - .16
Curacao, cs.....lb. .23 - .24
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.60 - 1.68
Alphanaphthol, bbls.....lb. .60 - .65
Alphanaphthylamine, bbls.....lb. .32 - .37
Althea root, cut, bls.....lb. .25 - .30
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalised with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalisation point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 4.50
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 48,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works..lb. .08 - —
100 lbs. or less, works..lb. .09 - —
cryst., com'l, dms., c.l., works lb. .05½- .07
solut., dms., works.....lb. .03 - .05

A Guaranty of MERCK *Purity & Reliability*



Menthyl Salicylate can be incorporated in Sun-Tan oils and Sun-Tan creams to prevent the burning and blistering of the skin, and at the same time produce a sun-tan effect. Menthyl Salicylate will filter out almost all of the ultra violet rays between 2900 Angstrom units and 3600 Angstrom units, which rays are the chief cause of burning and blistering. When suitable raw materials are used in correct proportions, a satisfactory preparation can be made.

OTHER MERCK CHEMICALS USED IN SUN-TAN AND SUNBURN OILS, LOTIONS, CREAMS AND POWDERS

Benzocaine
Calamine
Calcium Carbonate
Chlorbutanol
Glycerin
Iron Oxide Brown Precip.
Kaolin Colloidal
Lanum Anhydrous (Lanolin)
Quinine Alkaloid
Quinine Bisulfate
Quinine Dihydrochloride
Quinine Oleate
Talc
Zinc Sulfocarbolate
Zinc Oxide
Zinc Stearate

Further information and formulas will be furnished to manufacturers on request.

★ MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J. ★

New York: 161 Sixth Avenue • Philadelphia: 916 Parrish Street • St. Louis: 4528 S. Broadway

In Canada: Merck & Co. Ltd., Montreal and Toronto

Alumina Hydrate—Barium

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works.....lb. .04¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16½- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd. met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —

Alumina sulphate, iron free, bbls.;—
5 to 9, dlvd. met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21
powder (see Bronze powder)
Ambergris, gray, tins.....oz. 22.00 -35.00
Amidopyrene, cns.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.), works....lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 20°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05¼
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd N.Y.....100 lbs. 5.71 - —
Biduoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12½
imported, csks.....lb. .08 - .12½
USP, lump, bbls.....lb. .08 - .09
csks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12¼- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15

Ammonia, iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., csks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22½
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP., kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Jun.. dlvd. Ill., Ind., Mich., Ohio.ton. 24.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton. 26.00 - —
Birmingham, Ala., ovens..ton. 26.00 - —
Northern ovens....ton. 24.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton. 25.00 - —
dbl bgs., export, f.a.s. N.Y. ton. No prices
import., bulk, c.i.f. Atlantic ports..ton. 26.00 Nom.
bgs., c.i.f. Atlantic ports.ton. 27.00 Nom.
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —

Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import., gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .12
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
import., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
l.c.l., frt. alld.....lb. .12½- .13½
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., delvd. lb. .142 - —
l.c.l., delvd.....lb. .149 - —
tanks, delvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works. lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cns.....lb. .65 - 1.25
Amylene, dms., c.l.....lb. .102 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .28 - .25
Import, natural, bls.....lb. .50 - .55
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .35 - .40
Anilin oil, dms.....lb. .16½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs. lb..... .09 - .09½
Star, bgs.....lb. .13½- .14
Anisic aldehyde, bots.....lb. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls lb. .50 - .53
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys.lb. .13 - .17
import., cbys.....lb. .14½- —
Metal, dom.....lb. .12 - —
import. .....lb. .13¼- —
Needle, powd., bbls.....lb. .11½- .13
Oxide, dom., bbls., c.l.....lb. .13¼- —
l.c.l. .....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ¼c. lb. c.l..lb. .19½- .13¼
Antipyrene, cns., ton lots.....lb. 2.08 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 25.70 -23.90
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .30
Areca nuts, powd., bbls.....lb. .11 - .13
Arecoline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 80%, csks.....lb. .07 - .08
80-85%, csks .....lb .14 - .15
Arnica flowers, bls.....lb. .24 - .25
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs—lb. .08½- .09
bbls. .....lb. .08¾- .09½
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .46
Red, import., cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs, c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .02¾- .04¼
Arsenous chloride, liq., bots..lb. 1.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .30 - .31
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 35.00 - —
6D, bgs., c.l. (20 tons), Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (20 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (20 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (20 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (20 tons), Canad. mines..ton. 14.50 - —
7M, bgs., c.l. (20 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N.Y.....lb. .02¼- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y.lb. .03¾- —
smaller lots, f.o.b. N.Y..lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N.Y.....ton. 35.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N.Y.....ton. 80.00 - —
B, bgs., c.l., f.o.b. N.Y.....ton. 35.00 - —
l.c.l., f.o.b. N.Y.....ton. 55.00 - —
Egyptian, bgs, c.l., f.o.b. N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs, c.l., Colo. points.....ton. 32.00 - —
seconds, bgs., c.l., Colo. points .....ton. 25.50 - —
selects, bgs., c.l., Colo., Utah points..ton. 30.50 - —
l.c.l., f.o.b. or N.J. or N.Y. whse..ton. 49.50 - —
Maltha, dms., c.l. f.o.b. N.Y.ton. 20.00 - —
l.c.l., f.o.b. N.Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .13 - —
tanks, Calif., refinery..gal. .05 1/2 - —
East Coast, Ill., Ind. refinery..gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Wyo. refinery.....gal. .07¼- —
Atropine alkaloid, vls.....oz. 2.25 - 2.50
Sulphate, vls.....oz. 2.25 - 2.65

B

Balm of Gilead buds, bgs....lb. .21 - .25
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 2.25 - 2.50
Barium carbonate, natural, 90% grd., bgs., c.l., works. ton. 42.00 - —
99% 200 mesh, bgs., c.l., works..ton. 45.00 - —
precip., bgs.....ton. 56.50 -61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls..lb. .13 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton. 72.00 -74.00
l.c.l., delvd., N.Y..ton. 88.00 -97.00

HERE NATURE "TAKES ITS ORDERS" FROM SCIENCE

THERE is no royal road to uniformity in the production of carbon black. *Witco* quality is the result of complete mastery over every step of production. Control begins with the natural gas. As it comes up from the earth it is seized by precision instruments and "given its orders". Giant regulators, dependable as clockwork, regulate the flow of gas with amazing accuracy. It starts the job right. Every subsequent operation from burner house to packing room is regulated, checked and controlled with the same insistence on uniformity. Similarly careful laboratory and plant tests and analyses assure the uniformity of the finished product. It is no easy task to maintain such continual and unrelenting care. But *Witco* quality confirms the success of the system . . . and *Witco* customers confirm the results in smoother production . . . better products!

The care and precision which characterize the manufacture of *Witco* Carbon Blacks are reflected in the quality and uniformity of

WITCO MICAS which have gained a reputation for their *exactness* of grinding—whether the fineness is 40 mesh or 300 mesh. *Witco* Dry-ground are surprisingly free of harsh abrasive materials. *Witco* Water-ground are noted for their whiteness and cleanliness.

WITCO "C" BARYTES pass the severest inspection for the fineness of their grinding and texture and the excellence of their color. Their actual barium sulphate content is substantially above 98% with a corresponding low silica count.

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
CHICAGO . . . . 365 E. ILLINOIS STREET
NEW YORK . . . 295 MADISON AVENUE
BOSTON . . . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVENUE N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Owned and Operated: The Pioneer Asphalt Company and the Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

WITCO

Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .05¾- .07¾
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, casks.....lb. .06¼- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.05 - —
l.c.l., ex whse., Boston. ton.26.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore. ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.29.20 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex whse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock. t.a...ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07¼- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .13
Bentonite, 1, 96% 200 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92% 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .63
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.80 - 1.95
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works....gal. .23 - —
tanks, frt. alld. E. of Omaha. gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha. gal. .19 - —
pure, dms, works.....gal. .23 - —
tanks, frt. alld. E. of Omaha. gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns, works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .58 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms..lb. .30 - .40
tech., dms.....lb. .25 - .35
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.12.00 - —
Hydrochloride, bots.....lb.12.00 - —
Sulphate, bots.....lb.12.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls....lb. .20 - —
tech., bbls.....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.25 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth chloride, bxs.....lb. 3.20 - 3.35
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.30
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 4.05 - 4.10
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 2.60 - 2.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 2.30 - 2.35
Bismuth-betanaphthol, bxs....lb. 2.05 - 2.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld.E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld, E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .06¼- —
l.c.l., frt. alld. E.....lb. .06 - —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd .....lb. .07½- —
ctns, l.c.l., dlvd.....lb. .08½- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs, c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs, c.l., deliv'd rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports..lb. .0475 - —
50,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0490 - —
10,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0520 - —
l.c.l. dlvd. all zones....lb. .07 - —
Black, carbon, standard, l.c.l., ctns., dlvd. all zones..lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, compraed., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y...lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05¼- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 2.50 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 2.90 - 3.00
import, bgs., c.i.f. ports, June shipt..unit-ton 2.60 - 2.65
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .87 - —
open order.....lb. .83½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .87 - —
open order.....lb. .83½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .87 - —
open order.....lb. .83½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .87 - —
open order.....lb. .83½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .87 - —
open order.....lb. .83½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .13 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .23 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis...lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls, same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. ½ 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed unler Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .084
Bluefag root, bls.....lb. .12 - .14
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.20.00 -25.00
c.i.f. Atlantic ports..ton.27.00 -28.00
S.A., bgs., c.i.f., ports..ton.26.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.15.00 -16.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.17.00 -18.00
import, 100-lb. bgs., c.i.f. ports..ton.22.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min. divd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., divd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., divd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., divd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., divd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., divd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .06 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16½
100 lbs. or less.....lb. .10¾- .18¾
West .....lb. .09¾- .11½
jobbers, East.....lb. .08¾- .14¾
West .....lb. .08¼- .10½
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works.lb. .26 - —
1,000 lbs., works.....lb. .23 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum, dry, lining, ext. fine, dms., 30,000 lbs., f.o.b. ship. pt. (see note below).....lb. .90 - —
3,000-30,000 lbs., same basis..lb. .93 - —
1,000-3,000 lbs., same basis..lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis..lb. .53 - —
1,000-3,000 lbs., same basis..lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho, ext. brilnt., dms., 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra, dms., 30,000 lbs., same basis.....lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs. same basis..lb. .83 - —
1,000-3,000 lbs. same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —

Barium Diox.—Calcium Arsen.

Bronze powder, aluminum, paste, ink, dms., 30,000 lbs., same basis .....lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .49 - —
less than 1,000 lbs., same basis..lb. .53 - —
Aluminum powder and paste, c.l. prices, 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .60
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., casks., f.o.b. N.Y. or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works. ....lb. .0125- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06¾- —
10, bbls., same basis.....lb. .06¼- —
11, bbls., same basis.....lb. .06 - —
12, bbls., same basis.....lb. .05¾- —
13, bbls., same basis.....lb. .05¼- —
14, bbls., same basis...lb. .05 - —
raw, American, bbls., works.lb. .04¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¼- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06¾- —
10, bbls., same basis....lb. .06¼- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works. lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04¼- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04¼- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04½- —
Minneapolis .....lb. .0450- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .06¾- —
Walnut crystals, bbls.....lb. .08 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .45 - .50
Buckthorn bark, true, bls....lb. .04½- .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .06¼- —
l.c.l., dlvd. E.....lb. .06 - —
import., stands.....lb. .11 - .13
Butanes, coml., 16-22°, tanks, group 3..gal. .03¼- .03½
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .06½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .23½- .25½
Propionate, dms., dlvd.....lb. .13 - .15½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.54 - 1.60
Iodide, bots., jars.....lb. 3.90 - 3.95
Lithopone (see Yellow)
Metal, cs.....lb. 1.05 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs.....lb. .40 - .42
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S..lb. .06¾- —
dealers, E. of Rockies..lb. .06¼- —
South .....lb. .06¼- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .09¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .09¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance to plant or whse. pick-up

Calcium Bromide—Clover Tops

Calcium bromide, jars.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs., dms., c.l., divd. ton.22.00 -35.00
l.c.l., 1 ton or over, divd..100 lbs. 1.70 - 2.25
liquer, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 70-75%, bgs., dms., c.l., divd..ton.20.00 -30.00
l.c.l., 1 ton or over, divd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (135 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 2.80 - 2.85
Lactate, USP, bbls.....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.24.25 -26.00
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 98-99% P_2O_5, c.l.f. Atlantic ports..unit-ton. .66 - —
Resinate, precip., bbls., 1 ton.lb. .12 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton.....lb. .19 - —
smaller lots.....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l. .....ton.66.00 - —
luminous, dom., tins, works, lb. .90 - —
Sulphocarbolate, cs .....lb. .47 - .48
Calendula flowers, bls.....lb. .65 - .70
Calomel, bbls., kgs.....lb. 1.06 - —
Camphor, natural, powd., cs...lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .59 - .60
synthetic, dom., gran., powd., bbls.,2,000 lbs.....lb. .50¼- —
500 lbs.....lb. .52½- —
100 lbs.....lb. .53¼- —
tablets, cs, 2,000 lbs.....lb. .55 - —
500 lbs.....lb. .57 - —
100 lbs.....lb. .58 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¼- .06¾
Morocco, bgs.....lb. .07 - .07½
Turkish, bgs.....lb. .07½- Nom.
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .16 - .17
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.50 - 1.55
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¼- .06¾
Carbasole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
96-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .55 - —
l.c.l., works.....lb. .84 - —
tanks, works.....lb. .52 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .76 - —
Carbon bisulphide, dms.....lb. .06¼- .06½
tanks .....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .06½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. .90 - 1.25
decorticated, cs.....lb. .95 - 1.00
green, bgs.....lb. .72 - .75
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
30%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd.....lb. .14½- .15
5 tons, works.....lb. .15½- .16
smaller lots, works.....lb. .16 - .16½
80-100 mesh, bgs., c.l., divd..lb. .15 - .15½
5 tons, works.....lb. .16 - .16½
smaller lots, works.....lb. .16½- .17
Import, Argent., 20-30 mesh, bgs., c.l., duty pd....lb. .1470- —
80-100 mesh, bgs., c.l., duty pd..lb. .1495- —
French, 30 mesh, bgs., c.l., duty pd..lb. .15 - .15¼
Cassia, Batavia, 1, bgs.....lb. .14 - .14½
3, bls.....lb. .08 - .09½
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .09¾- .09½
broken, extra, bls.....lb. .09¼- .09½
Saigon, cs.....lb. .17¾- .18½
Cassia buds, cs.....lb. .10¼- .10½
Cassia fistula, bskts.....lb. .06½- .09
Castile soap, white, bars, cs... 40 lbs.20.00 - —
powd., bbls.....lb. .22 - .25
Castoreum, nat., cns.....lb.15.00 -16.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .12¾- .13¼
Celluloid scrap, amber, cs....lb. .13 - .14
black, mixed, cs., works..lb. .07 - .09
China white, ivory, cs., works. lb. .13 - —
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - —
mixed, mottles, opaques, cs., works..lb. .06 - —
shell-demi, cs., works.....lb. .11 - .12
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .13 - .14
colors, cs., works.....lb. .06 - —
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y..bbl. 6.10 - —
truck divy.....bbl. 7.40 - —
less than 5 tons, truck divy. bbl. 8.06 - —
Cerium hydrate, dms., works.lb. .65 - —
Oxalate, USP, bbls., works..lb. .23 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .23 - .24
Roman, bls.....lb. .30 - .32
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., divd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.25.40 - —
Ariz., Utah.....ton.30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton.22.00 - —
Colo. .....ton.22.00 - —
Conn., Me., Mass., N. H., R. I., Vt.....ton.25.80 - —
Mich., Ohio, Penn.ton.24.80 - —
N. D., S. D.....ton.20.00 - —
Texas .....ton.24.00 - —
El Paso.....ton.18.00 - —
l.c.l., works.....ton.18.00 - —
Willow, powd.,bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 300 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.16.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -35.00
powd., cake, l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .23 - .25
500 lbs.....lb. .24 - .25
100 lbs.....lb. .25 - .27
25 lbs.....lb. .30 - .40
1-10 lbs.....lb. .35 - 1.00
dms., 1,000 lbs.....lb. .20 - —
500 lbs.....lb. .23 - —
100 lbs.....lb. .25 - —
Chlorine, liq., cyls., c.l., divd., N.Y..lb. .03½- —
contracts, divd., N.Y....lb. .05½- —
l.c.l., divd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..200 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone,tins,works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums. lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
Chloropicrin, comi., cyls., works. lb. .20 - .30
Chrome acetate, bbls.....lb. .05 - .06
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 2.25 - 2.30
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs.....lb. .25 - .26
quills, broken, bgs.....lb. .17 - .18
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .16 - .17
Cinchonidine, cryst., powd., cns.oz. .50 - .57
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .55
Sulphate, cns.....oz. .34 - —
Cincophen, USP., bbls.....lb. 2.64 - —
bxs., dms., kgs.....lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .15 - .15½
3, bls.....lb. .14½- .15
Citral, cns.....lb. 1.75 - 2.15
Citrine ointment, jars, tubes.lb. .57 - —
Citronellal, bots.....lb. 2.00 - 2.80
Citronellol, bots.....lb. 1.90 - 2.15
Clove, Madagascar, bls.....lb. .13¾- .14½
Zanzibar, bls.....lb. .14 - .14½
Clover tops, bls.....lb. .18 - .14

SCULPTURED IN TIN BY L. L. BALCOM

UP and down the old Mississippi ranged the hustling packet ships of the last mid-century. Their captains found trade where trade had never been known before... and helped to build a vast inland empire of commerce. Just so in our modern mid-century is EBG building progress where progress was only imagined before. By ranging the frontiers of industry it is continually discovering new uses for that valuable product, Liquid Chlorine; revealing new methods and processes that open up a new empire of industrial activity, new opportunities for profit. In matters pertaining to Liquid Chlorine put your trust in EBG—pioneer producer of the product in America.

ELECTRO BLEACHING GAS COMPANY, MAIN OFFICE: 9 EAST 41st STREET, NEW YORK, N.Y. • PLANT: NIAGARA FALLS, N.Y.

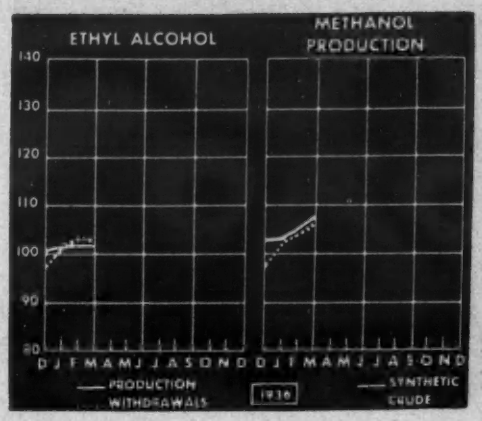
EBG Liquid Chlorine

ADVERTISEMENT—*This entire page is a paid advertisement.*

SOLVENT NEWS

Reg. U. S. Pat. Off.

JUNE ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1936



(moving twelve-month averages, 1935 = 100)

ETHYL ALCOHOL

		1936	1935
Production			
1000	Jan.-Mar.	39,825	34,901
proof	March	13,899	12,844
gals.	February	12,747	9,767
Withdrawals			
1000	Jan.-Mar.	36,686	34,658
proof	March	12,320	14,620
gals.	February	11,770	8,603

METHANOL

Crude			
Production	Jan.-Mar.	1,461	967
1000	March	473	351
gals.	February	494	300
Synthetic			
Production	Jan.-Mar.	4,590	3,733
1000	March	1,631	1,303
gals.	February	1,540	1,127

NEW TYPE OF PRINTING INK UTILIZES VOLATILE SOLVENTS

A new type of printing ink for modern high-speed printing requirements has been announced to the printing industry. Sold under a trade name, this new product is the result of research having for an objective "quick-drying and better printing."

Reported to be based on a new process for ink manufacture, the rapid vaporization of the volatile constituents of the ink by the application of heat leaves only relatively dry solids on the surface of the paper.

Unlike ordinary inks, the new product contains highly volatile solvents, selected for their rapid evaporation at slightly elevated temperatures. These solvents are "relatively inert" at room temperatures, and therefore will not dry on the press.

Advantages claimed include elimination of traveling tympans and slip sheets, prevention of offset, and clearer impressions on the printed page.

The Philadelphia office of the U. S. Industrial Alcohol Sales Co., Inc., has recently been removed to new offices in the Terminal Concourse Building, 401 North Broad Street. The Bell telephone number is Market 3176 and the Keystone number is Race 5726. The office was formerly located at 800 North Delaware Avenue.

A special synthetic lacquer has been developed to coat aluminum phonograph records. A very hard surface is said to result and the record is almost noiseless in operation. The coating is not easily scratched.

TEXTILE INDUSTRY FINDS PYROXYLIN COATINGS AID IN EXPANDING MARKETS AND PROFITS

Application of Nitrocellulose Solutions to Cotton and Other Fabrics Opens Many New Fields

Pyroxylin coated textiles have made a major contribution to the textile industry in its efforts to maintain its position in the face of increasing inter-industry competition.

With the advent of rubber bathing suits, lastex yarns and fabrics, transparent cellulose ribbons, paper towels and napkins, spun glass clothing, metal auto tops and airplane bodies and wings, and cardboard boxes replacing cloth bags, the textile industry has experienced a new form of competition from non-textiles. To counteract the replacement of established products by non-textiles, the industry has turned to find new markets and to improve products by increasing sales appeal. Cotton fabrics for road construction, rayon substitutes for glass windows and acoustical fabrics for sound-proofing are among the new markets opened. However, one important counter attack has been by the use of specially processed pyroxylin-coated fabrics.

The Major Markets

These represent products for application other than the many uses of artificial leather. The major markets include waterproof draperies, shower-bath curtains, coverings for furniture, bridge table covers, waterproof table cloths, waterproof fabrics for book covers, suitcases, window shades, and handbags. The potentialities of the market are illustrated by the fact that more

(Continued on next page)

INDUSTRIAL ALCOHOL INDUSTRY BEGAN THIRTY YEARS AGO

The beginning of the Industrial Alcohol Industry dates from the passage of the Denatured Alcohol Act of June 7, 1906. This law first allowed the sale of alcohol for industrial purposes without the payment of a Federal Tax.

Tax-free denatured alcohol not only benefited industries using alcohol as such, but opened the field for development of low-cost alcohol-derived chemicals.

In 1906, the industrial uses of alcohol were few. It was employed in a limited way for lighting and heating, and its possible uses for production of coal-tar colors, varnishes and lacquers, ether, and "imitation silk" were recognized. Today the uses of alcohol are so many that several pages are required to list them all.

Uses were so few in 1906 that only two formulas, C.D. No. 1 and C.D. No. 2, were authorized for sale.

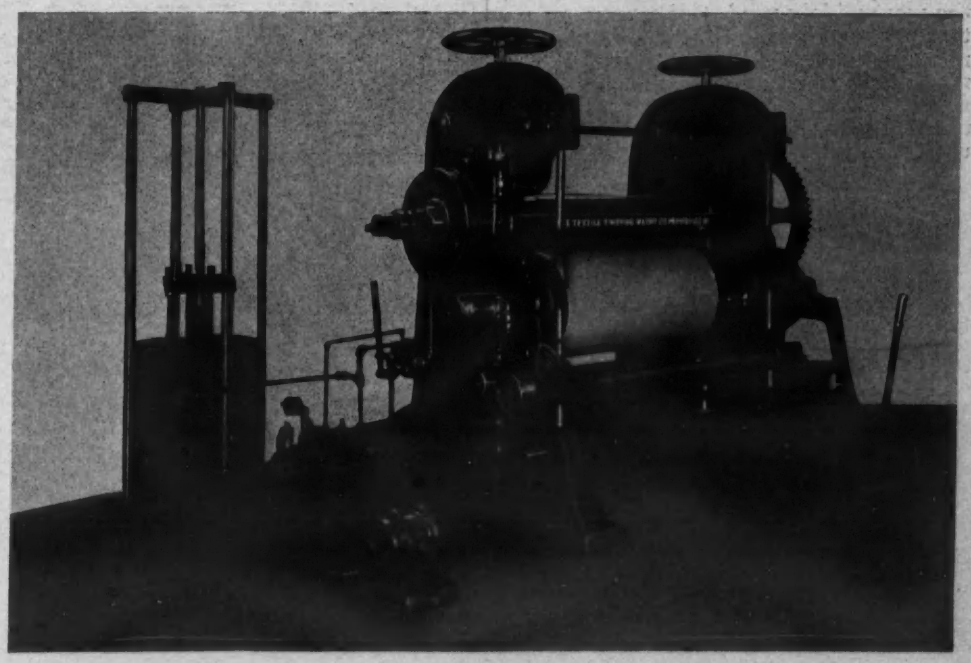


Photo Courtesy Textile-Finishing Machinery Co.

TEXTILES, after receiving the pyroxylin coat and drying, are passed through this two-roll hydraulic interchangeable embossing calendar.

ADVERTISEMENT—*This entire page is a paid advertisement.*

JUNE ★ **SOLVENT NEWS** ★ 1936

PAINTING ANODIZED ALUMINUM

Far greater adhesion of paints and lacquers on anodized aluminum sheets is obtained if the sheets are sprayed with a primer as soon as they have dried after leaving the anodizing bath. This has been the experience of the chief engineer for one of the aviation companies working with the problem.

The anodized aluminum has a porous surface, and if touched with greasy hands or if grease gets on the surface in any manner, it imbeds itself into the pores and is extremely difficult to remove. Ordinary cleaning will take it off the surface, but unless done very carefully, will not remove it from the pores.

Thus the immediate application of a priming coat serves to seal the pores and greatly improve the adhesion of the finishing coat, as it eliminates danger of "peeling" due to grease.

PYROXYLIN COATINGS

(Continued from preceding page)

than nine and three-quarters million yards of material were used in lining handbags alone in 1935 and an additional million yards used in novelty bags of various kinds.

Pyroxylin coating of textiles first assumed commercial importance as an industry about 15 years ago. The pyroxylin coating is, of course, a solution of nitrocellulose in a mixture of organic solvents. After evaporation of the solvents, the pyroxylin serves as a bonding or waterproofing agent. Such solutions are ordinarily known as dopes, cotton solutions, lacquers, etc.

To provide flexibility and elasticity, the addition of plasticizers or softeners is necessary. Other components are pigments, fillers, and gums. Castor oil was the first widely-used softener. It is not a true plasticizer, as it does not intimately dissolve in the solvent mix, but remains rather as a suspension. Later, diamyl and dibutyl phthalate and a host of others were introduced, but castor oil and the phthalates continue to be among the most widely used. Ordinarily, one to two parts of plasticizer to one part of nitrocellulose are employed, but if the film is pigmented, more plasticizer is needed. About three times the weight of the dry nitrocellulose is considered the upper limit, however, and any excess will tend to make the film tacky (or greasy if an excess of castor oil is employed).

Color pigments suitable for the film comprise a long list such as zinc oxide, zinc sulphide, lithopone, titanium dioxide, carbon blacks, lamp black, prussian and ultramarine blue, chrome yellows, and the various iron oxides. Lake colors are also employed to obtain brighter shades.

The textile manufacturer usually finds it to his advantage to mix his own solutions unless he uses small quantities in which case he may find it better to purchase solutions already prepared. By mixing his own solutions, a greater variety of combinations can be obtained from a smaller stock of materials. U.S.I. has been supplying both standard nitrocellulose solutions and the various solvents and plasticizers for a number of years.

A new house organ dealing with topics of interest to manufacturers, converters, buyers, and users of paper and paper products is being published by a large manufacturer of paper-testing instruments. Authoritative articles dealing with subjects of interest to those in the industry, will be featured.

INDUSTRIAL POTASH MADE FROM MOLASSES RESIDUES

U.S.I. contributes a portion of the industrial potash production of the U. S. A. by incinerating molasses residues which contain this valuable raw material. The crude potash so obtained is sold to fertilizer manufacturers as the most convenient and economical disposition.

Two types of potash are available: *I. C. Ash* is the ground clinker which comes out of the bottom of the incinerator. It is a coarse granular powder containing about 33% K_2O, present as sulphate, muriate, and carbonate of potash.

Sulphate Muriate: The intense heat of combustion vaporizes a portion of the potash salts. These are cooled and collected at the top of the incinerator by an elaborate system of bag filters. Testing about 54% K_2O, the product is mainly sulphate and muriate of potash.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

Rubber concrete, having properties of both concrete and rubber, can be made with a new product recently developed abroad. The qualities of rubber—flexibility, resilience, insulation and resistance to abrasion—can be obtained by suitable proportions of the mix. It is said that it is dustless and waterproof, and can be used for waterproofing roofs, pools, tanks, etc. The material also can be combined with the concrete used for tennis courts, roads, or floors.

U S I

Protection of ferrous metals from corrosion, heat and wear is said to be accomplished by a new process which involves driving silicon into the material. Castings, forgings or machined parts are rendered acid resistant and the surface is said to be so hard that it cannot be cut with a hacksaw.

U S I

A new waterproofing material in the form of a colorless, transparent liquid has been introduced. It can be used to treat wood, brick, concrete, etc. and will take a paint coat. A description states that it does not weather, crumble or crack. Application can be by spraying or brushing.

U S I

An elastic lacquer for application to rubber products has been placed on the market. The lacquer is water white and is said to show excellent adhesive qualities.

U S I

New types of automatic precision burettes for industrial laboratories have been developed abroad. They are said to provide great exactness and high titration speed. One type employs compressed air and another a vacuum.

U S I

A new metallic ink which will not off-set is being produced in England. Claims state that the ink fixes in a few hours and that overprinting in two colors can be done.

U S I

A sealing material suitable for lining gasoline tanks is now on the market. The inside of tanks can be sprayed with the compound and it is not affected by the gasoline. The material is a synthetic rubber and has been used to line the gasoline tanks of aeroplanes.

U S I

An acid resistant paint is now available. Application is said to result in a glossy surface which also resists action of boiling water, soaps and alkalis.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous—Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190) Proof—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Amyl Propionate
Butyl Acetates
Normal and Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 99%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .08
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd....lb. .55 - .57
kgs., dlvd.....lb. .62 - —
Carbonate, tech., bbls., dlvd.lb. 1.35 - —
Chloride, dms., works.....lb. .64 - .69
Hydrate, bbls.....lb. 1.66 - 1.76
Linoleate, paste, dms.....lb. .80 - —
solid, 8½%, bbls.....lb. .51 Nom.
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
acetate, fused, A, bbls.....lb. .12½- —
1%, bbls.....lb. .11½- —
%, bbls.....lb. .16 - .16½
8%, bbls.....lb. .17 - .17½
precip., dms., dlvd.....lb. .20 - —
Sulphate, dms.....lb. .51 - .53
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .32 - .37
Cocillana bark, sgs.....lb. .24 - .25
Cocoa butter, lump, bgs., c.l..lb. .15 - .15¼
Codeine, cns., 100 ozs.....oz.11.70 -12.40
Hydrochloride, cns., 100 ozs...oz.10.50 -10.85
Phosphate, cns., 100 ozs.....oz. 9.00 - 9.05
Sulphate, cns., 100 ozs.....oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07 - .07½
Blue, root, bls.....lb. .06 - .06½
Colchicine, vls.....oz.24.00 -25.00
Colchicum seed, bgs.....lb. .26 - .27
Collodion, USP, dms.....lb. .12 - .13
Flexible, USP, dms.....lb. .14 - .15
Colocynth pulp, bls.....lb. .55 - .60
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .09 - .10
Conium leaves, bls.....lb. .14 - .15
Copaiba balsam, Para, cns.....lb. .18 - .20
S.A., US.P, cns.....lb. .20 - .22
Copper carbohate, 52-50%, bbls.lb. .14½- .15¼
18-20%, bbls.....lb. .07 - .08
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .27 - .29
Iodide, bots.....lb. 4.97 - 5.03
Metal, electrolytic.....lb. .09½- —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works.lb. .14½- —
smaller lots, works.....lb. .15 - —
Red, ecm'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.. 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.40 - —
1-4, works.....100 lbs. 1.50 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast....lb. .0240- .0250
Coriander seed, Morocco, bgs.lb. .05½- .06
bleached, bgs.....lb. .07 - .07½
Russian, bgs.....lb. .06 - .06½
Corn sugar, tanner's, bbls., dlvd. 100 lbs. 3.28 - —
ex whse.....100 lbs. 3.18 - —
Syrup, 42°, bbls.....100 lbs. 3.20 - —
43°, bbls.....100 lbs. 3.30 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, bxs., 2lb. dms., kgs..lb. .81 - .86
Cottonroot bark, bls.....lb. .11½- .12
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.00 - —
Coumarin, cns.....lb. 5.10 - 5.35
Cramp bark, genuine, bls.....lb. .20 - .21
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .10 - .11
Cream tartar, cryst., bbls....lb. .17¼- .17½
kgs. .....lb. .17¾- .18
gran., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17½
powd., bbls.....lb. .16¾- .17¼
kgs. .....lb. .17¼- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .109 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP., dms.....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .23¼- —
1 ton, same basis.....lb. .25 - —
1,000 lbs., same basis.lb. .26 - —
1 bbl., same basis.....lb. .28 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28¼- —
1 ton, same basis.....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis.....lb. .33 - —
3% rotenone, bbls., 5 tons, same basis..lb. .24¼- —
1 ton, same basis.....lb. .26 - —
1,000 lbs., same basis.lb. .27 - —
1 bbl., same basis.....lb. .29 - —
Cubeb berries, XX, bgs.....lb. .37 - .38
powd., cs.....lb. .40 - .41
Culver's root, bls.....lb. .16 - .17
Cumin seed, Algerian, bgs.....lb. .11 - .11½
Indian, bgs.....lb. .11 - .11½
Morocco, bgs.....lb. .11½ Nom.
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd.interior, NH_3 unit. 1.07½- —
Atlantic ports, NH_3 unit. 1.00 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

D

Damiana leaves, bls.....lb. .14 - .15
Dandelion root, German, bls..lb. .18 - .19
Deertongue leaves, bls.....lb. .18 - .12
Degras, common, dom., bbls., c.l., works..lb. .05½- .05¾
l.c.l., works.....lb. .05¾- .06
English, bbls.....lb. .04¾- .05½
Japanese, bbls.....lb. .05¾- .05¾
neutral, dom., bbls.....lb. .06 - .10
English, bbls.....lb. .06¾- .09¼
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto.....lb. .42 - —
1 ton, same basis.....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis.....lb. .49 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis.....lb. .38 - —
1,000 lbs., same basis.lb. .40 - —
1 bbl., same basis.....lb. .43 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis.....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis.....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago.100 lbs. 4.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.85 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.80 - —
Potato, import., bgs.....lb. .07¾- .09¾
Tapioca ,bgs., ex whse.....lb. .08 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
5-gal. dms., works.....lb. .23 - —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l., works. lb. 1.00 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.23.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .18 - .18½
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .062 - —
l.c.l., works.....lb. .04 - —
tanks, works.....lb. .026 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31%- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18½- —
l.c.l. .....lb. .19 - —
tanks .....lb. .17½- —
Diethylanilin, dms.....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works.....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, bls.....lb. .23 - .24
Digiycol oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .06½- .07
reclaned, bgs.....lb. .05¾- .06
Dimethyl phthalate, dms.....lb. .19½- .20
Dimethylanilin, dms.....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .17 - .17½
purified, bbls.....lb. .19 - .19½
Dinitrochlorobenzene, bbls.....lb. .14½- .15½
Dinitronaphthalene, kgs.....lb. .33 - .38
Dinitrophenol, bbls.....lb. .22 - .24
Dinitrotoluene, dms.....lb. .15½- .16½
oily, dms.....lb. .06½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .81 - .82
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, di-basic)
Divi-divi, bgs., shipment....ton.42.00 -45.00
Extract, 25% tan., bbls.....lb. .05 - .05½
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .04 - .05
Jamaica, bls.....lb. .06½- .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .95 - 1.00
Duboisine sulphate, vls.....oz.24.50 -25.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
26 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .90 - 1.00
83 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 8.60 - 8.10
202 Chrome blue black U..lb. .33 - .40
204 Chrome black A.....lb. 1.75 - 2.00
206 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
280 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B....lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
344 Paper yellow.....lb. .23 - .30
348 Chrysophenin G.....lb. .58 - .70
354 Direct violet N.....lb. 1.25 - 1.30
362 Direct scarlet B.....lb. 1.50 - 1.75
367 Direct violet B.....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
402 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benso purpurin 4B.....lb. .40 - .42½
496 Benso purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
516 Direct pure blue 6B....lb. 1.10 - 1.25
530 Direct pure blue.....lb. .80 - 1.00
529 Direct fast black FF...lb. .85 - 1.00
581 Direct black EW.....lb. .25 - .30
582 Direct black RX.....lb. .35 - .45
Dyes, coaltar, for stains (numbers are those of the colour index scale).
548 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
606 Direct brown 3GO.....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.35 - 1.50
608 Acid violet.....lb. 1.00 - 5.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.75
845 Nigrosin (water soluble).lb. .35 - .40
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benso fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .35 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .35 - .50
Sulphur yellow.....lb. .20 - .30
Zambesi black.....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1076 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
256 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.80 - —
Violet:—
1060 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
831 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .35 - —
21 Chrysoidin R.....lb. .35 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .38 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
831 Bismarck brown G..lb. .52 - —
832 Bismarck brown R..lb. .37 - —
798 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.85 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .20 - —
161 Orange R.....lb. .34 - —
Red:—
81 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .62 - —
79 Ponceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
178 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
765 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .32 - —
681 Crystal violet C.....lb. 1.75 - —
696 Acid violet 4BN.....lb. .58 - —
Yellow:—
10 Naphthol yellow S..lb. .30 - —
188 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen)
Yolk, dom., cs.....lb. .28 Nom.
import, cs.....lb. .49 - .51
Elder flowers, bright, bls.....lb. .16 - .17
dark, bls.....lb. .15 - .16
Elecampane root, bls.....lb. .08 - .09
Elm bark, grinding, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .15 - .19
select, bndls., cs.....lb. .17 - .18

Coaltar—Fustic extract

Emetine hydrochloride, bots., vls. oz.15.00 -18.30
Ephedra, bls.....lb. .24 - .27
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs.....100 lbs. 1.75 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dggn., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs. ,l.c.l....lb. .00 - .00
Ergot, USP, bgs., cs.....lb. 2.00 - 2.25
Eserine, bots., vls.....oz.42.00 -42.35
Salicylate, bots., vls.....oz.29.00 -29.25
Sulphate, bots., vls.....oz.30.00 -30.35
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.35
Cretonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .35 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylanilin, dms.....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0604
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .22
tanks, works.....lb. .18 - —
Ethylidinanilin, dms.....lb. .45 - .47¼
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns.....lb. .51 - .52
Eucalyptus leaves, bls.....lb. .05 - .05½
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -13.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .08 - .09
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .15
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 2.50 & .10 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.41.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. 2.00 & .50 Nom.
sardine, meal, Calif. 12-13% ammon., bgs., c.i.f. Cst. ports...unit-ton. 3.10 & .10 Nom.
Japanese, 11½% ammon., bgs., c.i.f. ports, June shipt..ton.37.00 -38.00
Flake white, bbls., kgs.....lb. .09¾- .10½
Fleaseed, French, black, bgs..lb. .09 - .09½
Indian, blonde, bgs.....lb. .06¾- .07¼
Fluorspar, enamel, 96-98%, bgs., standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -32.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.22.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .15 - .18
Fustic extract, cryst., bbls....lb. .20 - .22
liquid, bbls.....lb. .09½- .10
solid, dms.....lb. .15 - .18

G salt—Gum, copal

G

G salt, bbls	lb.	.45 -	.47
Galangal root, bls	lb.	.08 -	.09
Gall extract, bbls	lb.	.18 -	.20
Gambier, common, bgs	lb.	.06¾	Nom.
plantation, bgs	lb.	.09	Nom.
Cubes, Singapore, bgs	lb.	.07 -	.08½
Extract, bbls	lb.	.08	.10
Gasoline, at refinery:—			
Bayonne, US motor, 62-63 octane, tanks	gal.	.06¾-	—
65 octane, tanks	gal.	.07 -	—
above 65 octane, tanks	gal.	.0765-	—
California, 56-60, 375 e.p., tanks	gal.	.05 -	—
Gulf Coast, US motor, bulk, export	gal.	.05¾-	—
60-62, 380 e.p., bulk, export	gal.	.05½-	—
60-62, 400 e.p., bulk, export	gal.	.05¾-	—
64-66, 375 e.p., bulk, export	gal.	.05¾-	—
Louisiana-Arkansas, US motor, tanks	gal.	.04½-	.04¾
58-60, 450 e.p., tanks	gal.	.04½-	.04¾
64-66, 375 e.p., tanks	gal.	.03¾-	.03¾
68-70, 350 e.p., tanks	gal.	.04¾-	.04¾
Oklahoma-Texas, US motor, 62 octane and below, tanks	gal.	.04½-	.04¾
63-67 octane, tanks	gal.	.05½-	.05¾
68-70 octane, tanks	gal.	.05¾-	.06¼
58-64, 400 e.p., tanks	gal.	.04¾-	.05
64-66, 375 e.p., tanks	gal.	.05¼-	.05½
Gasoline, at refinery, Okla.-Tex., **natural, 12-lb. v.p., tanks**	gal.	.05½-	.05¾
14-lb. v.p., tanks	gal.	.04¾-	.05
18-lb. v.p., tanks	gal.	.02¾-	—
22-lb. v.p., tanks	gal.	.02¾-	—
26-70-lb. v.p., tanks	gal.	.02½-	.02¾
Pennsylvania, US motor, tanks	gal.	.05½-	—
52-54, 450 e.p., naphtha, tanks	gal.	.05¾-	—
60-62, 400 e.p., strt. run, tanks	gal.	.06 -	—

tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta	.206	.226
Boston	.13	.15
Chicago	.155	.175
Cincinnati	.175	.196
Denver	.19	.21
Louisville	.19	.21
Minneapolis	.164	.184
New Orleans	.185	.22
New York	.165	.192
San Francisco	.17	.19

Gelatin, silver, cs	lb.	.50 -	.55
Gelsemium root, bls	lb.	.12 -	.13
Gentian root, bls	lb.	.09 -	.10
grd., bbls., bxs	lb.	.12 -	.13
powd., bbls., bxs	lb.	.13 -	.14
Geraniol, cns	lb.	.75 -	3.00
Geranyl acetate, bots	lb.	1.75 -	2.50
Ginger root, African, bgs	lb.	.14 -	.14½
Cochin, lemon, bgs	lb.	.16½-	Nom.
Jamaica, bold, bgs	lb.	.18 -	.18½
grinding, bright, bgs	lb.	.12¾-	.13¼
medium, bold, bgs	lb.	.13½-	.14
Ginseng fibers, cs	lb.	1.75 -	2.00
Root, cultivated, cs	lb.	2.00 -	4.00
wild Southern, cs	lb.	8.00 -	

Glauber's salt, anhyd. (see Soda sulphate).

cryst., dom., bgs., 5 tons or over	100 lbs.	.85 -	—
smaller lots	100 lbs.	1.00 -	—
bbls., 5 tons or over	100 lbs.	.95 -	—
smaller lots	100 lbs.	1.10 -	—
import., bgs	100 lbs.	1.05 -	1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.11 -	—
l.c.l., dlvd	lb.	.11½-	—
28/58, bgs., c.l., dlvd	lb.	.11½-	—
l.c.l., dlvd	lb.	.12 -	—
38/82, bgs., c.l., dlvd	lb.	.12½-	—
l.c.l., dlvd	lb.	.13 -	—
48/108, bgs., c.l., dlvd	lb.	.13 -	—
l.c.l., dlvd	lb.	.13½-	—
Hide, calcimine type, 58 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest	lb.	.13½-	—
l.c.l., same basis	lb.	.14 -	—
80/164, bgs, c.l., same basis	lb.	.14 -	—
l.c.l., same basis	lb.	.14½-	—
97/192, bgs., c.l., same basis	lb.	.15 -	—
l.c.l., same basis	lb.	.15½-	—
75/222, bgs., c.l., same basis	lb.	.16 -	—
l.c.l., same basis	lb.	.16½-	—
83/251, bgs., c.l., same basis	lb.	.17 -	—
l.c.l., same basis	lb.	.17½-	—
92/283, bgs., c.l., same basis	lb.	.18 -	—
l.c.l., same basis	lb.	.18½-	—
102/315, bgs., c.l., same basis	lb.	.18½-	—
l.c.l., same basis	lb.	.19 -	—
113/347, bgs., c.l., same basis	lb.	.19½-	—
l.c.l., same basis	lb.	.20 -	—
125/379, bgs, c.l., same basis	lb.	.20½-	—
l.c.l., same basis	lb.	.21 -	—

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C. P., cns., l.c.l	lb.	.16½-	.17½
dms., extra, c.l	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
dynamite, dms., extra, c.l	lb.	.14½-	—
l.c.l.	lb.	.15 -	—
saponification, basis 88%, dms. returnable, dlvd.	lb.	.11¼-	.12¼
soaplye, basis 80%, dms. returnable, dlvd.	lb.	.10¼-	.10¾
yellow, distilled, dms. extra, c.l.	lb.	.14¾-	—
l.c.l.	lb.	.14¾-	—
Glycol boriborate, dms	lb.	.23 -	—
Phthalate, dms	lb.	.29 -	—
Stearate, dms	lb.	.28 -	—
Gold, U.S. purchase price	oz.	35.00 -	—
Chloride, acid, brown, bots	oz.	21.75	-22.00
yellow, bots	oz.	19.75	-20.00
Gold-soda chloride, photo., bots.	oz.	13.00 -	—
USP IX, bots	oz.	14.50	-14.75
Gold of pleasure seed, bgs	lb.	.14 -	.14½
Golden seal root, bls	lb.	2.35 -	2.40
powd., bxs	lb.	2.55 -	2.60
Grains of paradise, bgs	lb.	.09 -	.09½
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works	lb.	.05 -	—
bbls., c.l., works	lb.	.05¼-	—
l.c.l., works	lb.	.05½-	—
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works	lb.	.02½-	—
bbls., c.l., works	lb.	.03¾-	—
l.c.l., works	lb.	.03¼-	—
50% graphitic carbon, bgs., c.l., works	lb.	.03¼-	—
bbls., c.l., works	lb.	.03¾-	—
l.c.l., works	lb.	.04¼-	—
Grease, house, trcs	lb.	.03¾-	.03½
white, trcs	lb.	.04½-	.05¾
yellow, trcs	lb.	.03¾-	.03½

Wool (see Adeps lanae and Degras)

Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. .20 - —

6-10%, bbls., same basis	lb.	.21 -	—
11-15%, bbls., same basis	lb.	.22 -	—
16-20%, bbls., same basis	lb.	.22½-	—
21-25%, bbls., same basis	lb.	.23 -	—
26-30%, bbls., same basis	lb.	.23½-	—
31-35%, bbls., same basis	lb.	.24½-	—
36-40%, bbls., same basis	lb.	.26 -	—
41-45%, bbls., same basis	lb.	.27½-	—
46-50%, bbls., same basis	lb.	.29 -	—
over 50%, bbls., same basis	lb.	.30 -	—

Chrome and chrome oxide greens prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd Texas (El Paso, 2c.); for Denver, Pueblo Salt Lake City, Wichita, prices are f.o.b. Chicago.

reduced, C.P. color content up to 5%, bbls., same basis lb. .08¾-

6-10%, bbls., same basis	lb.	.06¼-	—
11-13%, bbls., same basis	lb.	.07 -	—
14-16%, bbls., same basis	lb.	.07¼-	—
17-19%, bbls., same basis	lb.	.07½-	—
20-21%, bbls., same basis	lb.	.07¾-	—
22-23%, bbls., same basis	lb.	.08 -	—
24-25%, bbls., same basis	lb.	.08¼-	—
26-27%, bbls., same basis	lb.	.08¾-	—
28-29%, bbls., same basis	lb.	.09 -	—
30-31%, bbls., same basis	lb.	.09¾-	—
32-33%, bbls., same basis	lb.	.11 -	—
34-35%, bbls., same basis	lb.	.12 -	—
36-40%, bbls., same basis	lb.	.14 -	—
41-45%, bbls., same basis	lb.	.16 -	—
46-50%, bbls., same basis	lb.	.16½-	—
51-55%, bbls., same basis	lb.	.17 -	—
56-60%, bbls., same basis	lb.	.17½-	—
61-65%, bbls., same basis	lb.	.18 -	—
66-70%, bbls., same basis	lb.	.19 -	—
71-75%, bbls., same basis	lb.	.20 -	—

Chrome oxide, dom., pure, bbls., open order, same basis as chrome C.P.	lb.	contract or .17 -	.19¼
ceramic, light shades, bbls., c.l., works	lb.	.26 -	—
l.c.l., works	lb.	.28 -	—
standard grade, bbls., works	lb.	.22 -	—
import, bbls., kgs., f.o.b. N. Y.	lb.	.21 -	—

Paris (see P)

Verdigris (see V)

Green dyes are listed under Dyes.

Grindelia robusta, bls	lb.	.08½-	.10
Guaiac resin, cs	lb.	.85 -	.90
strained, cs	lb.	.95 -	1.00
Wood, bls	lb.	.04 -	.05
Guaiacol, liq., djns	lb.	1.65 -	1.85
Carbonate, bxs., kgs	lb.	2.15 -	2.40
Guarana, powd., cs	lb.	.65 -	.70
Gum, aloe (see A)			
Ammoniac, tears, cs	lb.	.80 -	.85
Arabic, lump amber sorts, cleaned, bgs.	lb.	.09 -	.09¼
white, sorts, 1, bgs	lb.	.25 -	.27
2, bgs	lb.	.24 -	.26
powd., bbls	lb.	.13 -	.14

Asafetida (see A)

Asphaltum (see A)

Benzoin, Siam, cs	lb.	1.15 -	1.25
Sumatra, cs	lb.	.17 -	.18

Camphor (see C)

Chicle, bgs	lb.	No price

Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.40¾-	—

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.

2, cloudy white, bgs., c.l., same basis	lb.	.27½-	—
3, selected pale straw bold, bgs., c.l., same basis	lb.	.19½-	—
4, pale bold straw, bgs., c.l., same basis	lb.	.18½-	—
5, pale straw bold, bgs., c.l., same basis	lb.	.14¾-	—
6, pale amber bold, bgs. c.l., same basis	lb.	.13¾-	—
7, pale straw bold, bgs., c.l., same basis	lb.	.14¾-	—
8, light amber bold, bgs., c.l., same basis	lb.	.11½-	—
9, medium light amber bold, bgs., c.l., same basis	lb.	.09 -	—
10, rescraped hard amber bold, bgs., c.l., same basis	lb.	.11½-	—
11, hard dark amber bold, bgs., c.l., same basis	lb.	.07¼-	—
12, selected bold sorts, bxs., c.l., same basis	lb.	.06¼-	—

MODERN PROCESSING

CALLS FOR MODERN

Smooth Flowing PLANTS

BECAUSE the plant building itself is as much a part of the process as is the modern equipment. With its sturdy construction, its wide spans, its unobstructed working areas, its provisions for all the necessary process servicing it is more than mere housing, but performs important functions in lowering the cost of quality production.

Advanced construction today conforms more than ever to the needs of the modern layout. Through good engineering all of the many necessary power services, steam, electricity, compressed air, water, etc. are available where required for efficient production.

Modern smooth flowing plants are more moderate in cost than their attractive designs would indicate. Few materials are required and only the most modern construction equipment is employed. Austin Executives have developed a method of supplementing your process engineering with modern building engineering which may have a practical bearing upon your production operations. Preliminary discussions of this plan may be conveniently arranged. Approximate costs can be furnished quickly without obligation.

THE AUSTIN METHOD

THE AUSTIN COMPANY

ENGINEERS AND BUILDERS

16112 Euclid Avenue, Cleveland, Ohio—*Offices in Principal Cities*

Gum, copal, Congo, 18, dark sorts bold, bgs., c.l., same basis.	lb.	.05¾-	—
14, selected, fully scraped ivory, bgs., c.l., same basis	lb.	.12½-	—
15, ordinary ivory sorts, bgs., c.l., same basis	lb.	.07½-	—
16, inferior ivory sorts, bgs., c.l., same basis	lb.	.06½-	—
17, pale fingers, bgs., c.l., same basis	lb.	.16½-	—
18, pale straw nubs, bgs., c.l., same basis	lb.	.12 -	—
19, pale straw nubs, bgs., c.l., same basis	lb.	.11 -	—
20, hard dark amber nubs, bgs, c.l., same basis	lb.	.06½-	—
21, ordinary selected nubs, c.l., same basis	lb.	.05¾-	—
22, small mixed nubs, bgs., c.l., same basis	lb.	.05½-	—
25, dark mixed nubs, bgs., c.l., same basis	lb.	.05¾-	—
34, No. 1, ivory nubs, bgs., c.l., same basis	lb.	.13¾-	—
35, No. 2 natural ivory nubs, bgs., c.l., same basis	lb.	.09½-	—
36, pale bold chips, bgs., c.l., same basis	lb.	.09¼-	—
37, pale small chips, bgs., c.l., same basis	lb.	.05½-	—
38, pale dust, bgs., c.l., bgs., same basis	lb.	.04¾-	—
East India, Batu, bold, scraped, bgs., c.l., same basis	lb.	.09½-	—
unscraped, bgs., c.l., same basis	lb.	.04 -	—
chips, bgs., c.l., same basis	lb.	.09¾-	—
dust, bgs., c.l., same basis	lb.	.09¾-	—
nubs and chips, bgs., c.l., same basis	lb.	.09¾-	—
black, bold, scraped, bgs., c.l., same basis	lb.	.07¾-	—
unscraped, bgs., c.l., same basis	lb.	.04½-	—
nubs and chips, bgs., c.l., same basis	lb.	.04¾-	—
Hiroe Macassar, pale, bold, bgs, c.l., same basis	lb.	.12¾-	—
chips, bgs., c.l., same basis	lb.	.06¼-	—
dust, bgs., c.l., same basis	lb.	.09¾-	—
nubs, bgs., c.l., same basis	lb.	.11½-	—
Singapore Rasak, bold, bgs., c.l., same basis	lb.	.12¾-	—
chips, bgs., c.l., same basis	lb.	.04¾-	—
dust, bgs., c.l., same basis	lb.	.09¾-	—
nubs, bgs., c.l., same basis	lb.	.10¾-	—
Manila, Boeas, amber and dark, bskts., c.l., same basis	lb.	.14 -	—
light, bskts., c.l., same basis	lb.	.16½-	—
Loba A, bskts., c.l., same basis	lb.	.12 -	—
B, bskts., c.l., same basis	lb.	.10½-	—
C, bskts., c.l., same basis	lb.	.09½-	—
CNB, bskts., c.l., same basis	lb.	.09¾-	—
D, bskts., c.l., same basis	lb.	.09½-	—
DK, bskts., c.l., same basis	lb.	.07 -	—
DU, bskts., c.l., same basis	lb.	.09¾-	—
dust, bskts., c.l., same basis	lb.	.09¼-	—
Sambas and white split chips, bskts., c.l., same basis	lb.	.12¼-	—
Singapore, dust, bskts., c.l., same basis	lb.	.05¼-	—
spirit-soluble, CBB, bskts., c.l., same basis	lb.	.09½-	—
DBB, bskts., c.l., same basis	lb.	.09 -	—
MA, bskts., c.l., same basis	lb.	.09¾-	—
MB, bskts., c.l., same basis	lb.	.09¾-	—
WG, bskts., c.l., same basis	lb.	.09¼-	—
Philippine Manila, amber sorts, bskts., c.l., same basis	lb.	.07½-	—
chips, pale, bskts., c.l., same basis	lb.	.09¼-	—
small, bskts., c.l., same basis	lb.	.07½-	—
extra pale sorts, bskts., c.l., same basis	lb.	.09½-	—
nubs, bskts., c.l., same basis	lb.	.10¾-	—
pale, scraped, bskts., c.l., same basis	lb.	.11¾-	—
seeds and dust, bskts., c.l., same basis	lb.	.09¾-	—
Pontianak, bold, genuine, bgs., c.l., same basis	lb.	.14¼-	—
mixed, bgs., c.l., same basis	lb.	.12¼-	—
chips, bgs., c.l., same basis	lb.	.07¾-	—
nubs, bgs., c.l., same basis	lb.	.10¼-	—
split, bgs., c.l., same basis	lb.	.12¾-	—
Dammar, Batavia A, cs., c.l., same basis as copal	lb.	.21¾-	—
A/D, cs., c.l., same basis	lb.	.15¾-	—
A/E, cs., c.l., same basis	lb.	.13¼-	—
B, cs., c.l., same basis	lb.	.20¾-	—
C, cs., c.l., same basis	lb.	.19¾-	—
D, cs., c.l., same basis	lb.	.14¼-	—
dust, cs., c.l., same basis	lb.	.06¼-	—
E, cs., c.l., same basis	lb.	.09¾-	—
F, cs., c.l., same basis	lb.	.06¾-	—
Singapore 1, cs., c.l., same basis	lb.	.16¾-	—
2, cs., c.l., same basis	lb.	.13¾-	—
3, cs., c.l., same basis	lb.	.05¼-	—
chips, cs., c.l., same basis	lb.	.09¾-	—
dust, cs., c.l., same basis	lb.	.05¼-	—
seeds, cs., c.l., same basis	lb.	.07¾-	—
Elemi, cns., c.l., same basis as copal	lb.	.09¾-	—
Ester, dms., 75,000 lbs. or over, dlvd.	lb.	.07¾-	—
10,000-74,999 lbs., dlvd.	lb.	.07¾-	—
3,000-9,999 lbs., dlvd.	lb.	.06¼-	—
less than 3,000 lbs., dlvd.	lb.	.06¾-	—
Euphorbium, cs.	lb.	.16 -	.20
Galbanum, cs.	lb.	.95 -	1.00
Gamboge, pipe, cs.	lb.	.58 -	.59
powd., bbls.	lb.	.65 -	.66
Ghatti, soluble, bgs.	lb.	.11 -	.15
superior, bgs.	lb.	.09 -	.11
Guaiac (see Guaiac resin).			
Karaya, XXX, bbls., bxs., dms.	lb.	.24 -	.26
XX, bbls., bxs., dms.	lb.	.16 -	.17
1, bbls., bxs., dms.	lb.	.09½-	.10
2, bbls., bxs., dms.	lb.	.06½-	.09
Kauri, brown, XXX, cs., c.l., same basis as copal	lb.	.60 -	—
BX, cs., c.l., same basis	lb.	.38 -	—
B1, cs., c.l., same basis	lb.	.19 -	—
B2, cs., c.l., same basis	lb.	.14½-	—
B3, cs., c.l., same basis	lb.	.12 -	—
80% chips, cs., c.l., same basis	lb.	.06½-	—
pale, XXX, cs., c.l., same basis	lb.	.65 -	—
1, cs., c.l., same basis	lb.	.40 -	—
2, cs., c.l., same basis	lb.	.22 -	—
3, cs., c.l., same basis	lb.	.15 -	—
Gum, Kino, tins	lb.	.70 -	.80
mastic, cs., c.l., same basis as copal	lb.	.60 -	—
Myrrh, USP, cs.	lb.	.35 -	.40
Olibanum, siftings, cs.	lb.	.07 -	.08
tears, cs.	lb.	.12 -	.28
Opium (see O)			
Resin (see R)			
Sandarac, csks., c.l., same basis as copal	lb.	.26¼-	—
Scammony, cs.	lb.	1.15 -	1.25
Senegal, picked, bgs.	lb.	.40 -	.41
sorts, bgs.	lb.	.11½-	.12½
Talha, bgs.	lb.	.05 -	.06
Thus, bbls.	280 lbs.	11.00 -	—
strained, bbls.	280 lbs.	11.00 -	—
Tragacanth, Aleppo, 1, cs.	lb.	1.25 -	1.30
2, cs.	lb.	1.15 -	1.20
3, cs.	lb.	1.00 -	1.05
4, cs.	lb.	.90 -	.95
5, cs.	lb.	.80 -	.85
6, bgs.	lb.	.21 -	.25
sorts, bgs.	lb.	.30 -	.35
Yacca, bgs., c.l., same basis as copal	lb.	.03¼-	—
powd., bgs., c.l., same basis	lb.	.04½-	—
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.	ton.	21.15 -	—
Medicine Lodge, Kans., frt. equald.	ton.	17.00 -	—
New Brighton, N. Y., frt. equald.	ton.	27.15 -	—
Southard, Okla., frt. equald.	ton.	17.00 -	—
Sweetwater, Tex., frt. equald.	ton.	21.15 -	—
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled	ton.	12.50 -	—
Blue Rapids, Kans., frt. equald.	ton.	12.50 -	—
New Brighton, N. Y., frt. equald.	ton.	15.70 -	—
Southard, Okla., frt. equald.	ton.	12.50 -	—
Sweetwater, Tex., frt. equald.	ton.	12.50 -	—
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.	ton.	8.00 -	—
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald.	ton.	12.00 -	—
import., bgs., ex dock	ton.	27.50 -	—

H

Heliotropin, cryst., cns.	lb.	1.00 -	1.20
Hellebore, white, root, powd., bbls.	lb.	.10½-	.11
Helonias root, bls.	lb.	.35 -	.36
Hematine crystals, bbls.	lb.	.16 -	.34
Hemlock extract, 25% tan., bbls.	lb.	.03½-	—
tanks	lb.	.02¾-	—
Hempseed, Manchur, bgs.	lb.	.02¼-	.02¾
Henbane leaves, bls.	lb.	.22 -	.23
Henna leaves, bls.	lb.	.07 -	.08
powd., bbls, bxs.	lb.	.09 -	.10
Heptane, mixed, 77-115°C., dms., c.l., Group 3	gal.	.12 -	—
l.c.l., Group 3	gal.	.17 -	—
tanks, Group 3	gal.	.10 -	—
Hexalin, dms.	lb.	.30 -	—
Hexane, normal, 60-70°C., dms., c.l., Group 3	gal.	.15 -	—
l.c.l., Group 3	gal.	.17 -	—
tanks, Group 3	gal.	.12 -	—
laboratory grade, dms., c.l., Group 3	gal.	.19 -	—
l.c.l., Group 3	gal.	.22 -	—
Hexamethylenetetramine, tech., dms.	lb.	.35 -	.37
USP, dms., 1,000 lbs.	lb.	.46 -	.47
Hexyl acetate, dms., c.l., f.o.b. dest.	lb.	.125 -	—
l.c.l., f.o.b. dest.	lb.	.13 -	—
tanks, f.o.b. dest.	lb.	.115 -	—
Homatropine hydrobromide, bots., vls.	oz.	13.00	-13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago	unit-ton.	2.40 -	—
Hops, dom., 1934 crop, bls.	lb.	.09 -	.11
1935 crop, bls.	lb.	.13 -	.16
import., 1934 crop, bls.	lb.	.45 -	.60
1935 crop, bls.	lb.	.55 -	.85
Horehound, bls.	lb.	.03½-	.07
Hydrangea root, bls.	lb.	.08 -	.09
Hydrastine, vls.	oz.	11.00	-11.50
Hydrochloride, vls.	oz.	11.00	-11.50
Sulphate, vls.	oz.	13.00	-13.50
Hydrastis (see Golden seal).			
Hydrogen peroxide, USP, bbls.	lb.	.03¾-	.04
100 vols., cbys., E. of Miss. R.	lb.	.20 -	—
W. of Miss. R.	lb.	.21 -	—
Hydroquinone, bbls., kgs.	lb.	1.10 -	1.15
Hyoscine hydrobromide, vls.	oz.	13.00	-13.25
Hyoscyamine, vls.	oz.	15.00	- —
Hydrobromide, vls.	oz.	15.00	- —
Sulphate, vls.	oz.	15.00	- —
Hypernic, liq., 51%, bbls.	lb.	.15 -	.20
solid, bxs.	lb.	.17 -	.20

I

Iceland moss, bls.	lb.	.12 -	.18
Ichthyol, bots.	lb.	4.00 -	4.25
Indian red (see Red, Indian).			
Indigo, nat., Bengal, bbls.	lb.	2.40 -	—
synth., liq., bbls.	lb.	.13 -	.14
powd., bbls.	lb.	1.00 -	—
Indol, CP, bots.	lb.	34.00	-36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, kgs.	lb.	.90 -	—
resubl., kgs.	lb.	1.50 -	1.55
tincture, bbls.	gal.	1.90 -	—
Iodoform, kgs., 100 lbs.	lb.	3.75 -	3.80
Ionone, bots.	lb.	3.25 -	4.00
Ipecac root, bgs.	lb.	.90 -	1.05
powd., bxs	lb.	1.05 -	1.15
Irish moss, ordinary, bls.	lb.	.11 -	.12
powd., 50-80 mesh, bbls.	lb.	.22 -	.30
prime, bleached, bls.	lb.	.18 -	.19
Iron acetate, CP, 17% solut., bbls.	lb.	.08 -	.09
Chloride, tech., cryst., bbls., kgs.	lb.	.06 -	.08
USP, cryst., bbls.	lb.	.07½-	.08
solut., cbys.	lb.	.06¼-	.06½
Citrate, USP VIII, pearls, cns.,	lb.	.72 -	—
powd., cns.	lb.	.84 -	—
scales, cns.	lb.	.77 -	—
Hypophosphite, cns.	lb.	1.55 -	1.60
Iron, iodide, bots.	lb.	2.95 -	3.00
syrup, djns.	lb.	.42 -	.45
Nitrate, coml., kgs.	lb.	.03¾-	.05
Oxalate, powd., kgs.	lb.	.47 -	.50
scales, cns.	lb.	.53 -	.55
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns.	lb.	.54 -	—
scales, cns.	lb.	.59 -	—
Ferrous, cns.	lb.	.35 -	—
Pyrophosphate, pearls, cns.	lb.	.59 -	—
scales, cns.	lb.	.64 -	—
Reduced, 97%, cs.	lb.	.60 -	.65
Sulphate, tech. (see Copperas).			
USP, cryst., bbls.	lb.	.04¼-	.04½
Iron-ammonia citrate, brown, gran., cns.	lb.	.38 -	.40
pearls, cns.	lb.	.38 -	.40
scales, cns.	lb.	.48 -	.50
green, gran., cns.	lb.	.38 -	.40
pearls, cns.	lb.	.38 -	.40
scales, cns.	lb.	.48 -	.50
Oxalate, cryst., bbls., kgs.	lb.	.24½-	.25½
Iron-potash oxalate, cryst., bbls., kgs.	lb.	.42 -	.43
Iron-soda oxalate, cryst., bbls., kgs	lb.	.24½-	.25½
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48 -	—
small lots, works	lb.	.58 -	—
Isopropanal, see Alcohol, Isopropyl.			
Isopropyl acetate, dms., c.l., frt. alld.	lb.	.07 -	—
c.l., frt. alld.	lb.	.07½-	—
tanks, frt. alld.	lb.	.06 -	—
Alcohol (see Alcohol).			
Ether, dms., c.l.	lb.	.07 -	—
l.c.l.	lb.	.08 -	—
tanks	lb.	.06 -	—

J

Jaborandi leaves, bls.	lb.	.10 -	.11
Jalap root, NF, bls.	lb.	.15 -	.17
powd., bbls., bxs.	lb.	.19 -	.21
Juniper berries, bgs.	lb.	.04¾-	.05½

K

Kamala, tins	lb.	.24 -	.25
Kava kava root, bls.	lb.	.14 -	.16
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks	gal.	.04¾-	—
Gulf ports, p.w., bulk, export	gal.	.03¾-	—
w.w., bulk, export	gal.	.04½-	.04¼
Louisiana - Arkansas, 41-43 w.w., bulk	gal.	.03¾-	—
Oklahoma-Texas, 41-43 w.w., tanks	gal.	.04¼-	.04⅝
42-44 w.w., tanks	gal.	.04⅜-	.04½
Pennsylvania, 45 w.w., tanks	gal.	.05½-	—
46 w.w., tanks	gal.	.05¾-	—
tankwagon:—			
Atlanta	gal.	.125 -	—
Boston	gal.	.075 -	—
Chicago	gal.	.096 -	—
Cincinnati	gal.	.125 -	—
Denver	gal.	.11 -	—
Louisville	gal.	.10 -	—
Minneapolis	gal.	.102 -	—
New Orleans	gal.	.12 -	—
New York	gal.	.071½-	—
San Francisco	gal.	.115 -	—
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.05½-	.06

L

Lady slipper root, bls.	lb.	.32 -	.35
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	10.00	-10.25
Middlewestern, trcs.	100 lbs.	9.80 -	9.90
Western, choice, trcs.	100 lbs.	9.90	-10.00
compound, trcs.	100 lbs.	10.75	-11.00
neutral, trcs.	100 lbs.	11.25	-11.50
Larkspur seed, bgs	lb.	.20 -	.23
Laurel berries, bls.	lb.	.09 -	.10
Leaves, Ital., bls.	lb.	.05 -	.05½
Lavender flowers, ordinary, bls.	lb.	.50 -	.53
select, bls.	lb.	.85 -	1.10
Lead acetate, brown, broken, bbls.	lb.	.09½-	—
white, broken, bbls.	lb.	.11 -	—
cryst, bbls.	lb.	.10½-	—
gran., bbls.	lb.	.11 -	—
powd., bbls.	lb.	.11¼-	—
Arsenate, dms., c.l., dealers, E. of Rockies	lb.	.09¾-	—
jobbers, E. of Rockies	lb.	.09 -	—
W. of Rockies	lb.	.09 -	—
l.c.l., consumers, W. of Rockies	lb.	.10¾-	—
dealers, E of Rockies, 1,000 lbs. or over	lb.	.09¾-	—
101-999 lbs.	lb.	.10¾-	—
100 lbs. or less	lb.	.11¾-	—
W. of Rockies	lb.	.09¾-	—
jobbers, E. of Rockies	lb.	.09¾-	—
Lead arsenate prices are works or whse. basis, frt. alld. to, dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.			
Blue, basic sulphate, bbls., cl., dlvd. E.	lb.	.09 -	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08¼-	—
l.c.l., dlvd. E.	lb.	.08¼-	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08½-	—
Carbonate (see Lead, white).			
Chloride, pure, bxs.	lb.	.49 -	.50
Iodide, jars	lb.	2.40 -	2.45
Linoleate, pale, precip., dms.	lb.	.18 -	—
Metal (see daily quotations in market report)			
Nitrate, bbls.	lb.	.09 -	.09½
Oleate, bbls.	lb.	.15 -	—
Peroxide, cns., works	lb.	.46 -	.47
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.07¾-	—
other points	lb.	.07¾-	—
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W of Cascade Mts in Ore. and Wash.	lb.	.07¾-	—

Gum, copal—Lime, salts

Lead, red, dry, 95% or less, Pb_3O_4, bbls., l.c.l., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash.	lb.	.08¼-	—
Colo., Mont., N. Mex., Wyo.	lb.	.08 -	—
other points	lb.	.07½-	—
smaller lots, dlvd. Ala., etc.	lb.	.08¼-	—
Ariz., etc.	lb.	.08¾-	—
Colo., etc.	lb.	.08½-	—
other points	lb.	.08 -	—
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.0760-	—
other points	lb.	.0785-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.08 -	—
Ariz., etc.	lb.	.08¼-	—
Colo., etc.	lb.	.08¼-	—
other points	lb.	.07¾-	—
smaller lots, dlvd. Ala., etc.	lb.	.08½-	—
Ariz., etc.	lb.	.09 -	—
Colo., etc.	lb.	.08¾-	—
other points	lb.	.08¼-	—
98% Pb_3O_4, bbls., c.l. (20 ton), dlvd. Ala., etc.	lb.	.0785-	—
other points	lb.	.0760-	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.08¼-	—
Ariz., etc.	lb.	.08¾-	—
Colo., etc.	lb.	.08¼-	—
other points	lb.	.08 -	—
smaller lots, dlvd. Ala., etc.	lb.	.08¾-	—
Ariz., etc.	lb.	.09¼-	—
Colo., etc.	lb.	.09 -	—
other points	lb.	.08½-	—
in oil, steel kgs., 1,000 lbs.	lb.	.10½-	—
500 lbs.	lb.	.11 -	—
smaller lots	lb.	.12 -	—
Resinate, fused, bbls.	lb.	.09 -	.10
precip., bbls.	lb.	.14 -	—
Stearate, bbls.	lb.	.22 -	.23
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal	lb.	.10 -	—
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctgs paid E. of Rockies	lb.	.10½-	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.06¾-	—
other points	lb.	.06½-	—
l.c.l. dlvd. Ariz., etc.	lb.	.07 -	—
other points	lb.	.06¾-	—
Basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06½-	—
other points	lb.	.06 -	—
l.c.l. dlvd. Ariz., etc.	lb.	.06½-	—
other points	lb.	.06¼-	—
in oil, 100-lb. kgs., 1,000 lbs., dlvd.	lb.	.10 -	—
500 lbs., dlvd.	lb.	.10½-	—
smaller lots, dlvd.	lb.	.11½-	—
Lemon peel, bls.	lb.	.10 -	.11
Licorice extract, mass, cs.	lb.	.17 -	.18
powd., bbls.	lb.	.27 -	.30
Root, bls.	lb.	.04½-	.05
powd., bbls., bxs.	lb.	.07 -	.08
select, bndls., cs.	lb.	.17 -	.19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00 -	—
Berkeley, W. Va.	ton.	7.00 -	—
California, northern.	ton.	12.25 -	—
southern	ton.	11.25 -	—
Cedar Hollow, Pa.	ton.	8.00 -	—
Chicago	ton.	7.25 -	—
Crab Orchard, Tenn.	ton.	6.25 -	—
Dallas, Texas	ton.	8.50 -	—
Durbin, Ohio.	ton.	6.50 -	—
Eagle Mountain, Va.	ton.	6.25 -	—
Easton, La.	ton.	7.00 -	—
Farnams, Mass.	ton.	7.50 -	—
Gibsonburg, Ohio.	ton.	7.00 -	—
Hannibal, Mo.	ton.	6.50 -	—
Keystone, Ala.	ton.	6.25 -	—
Knoxville, Tenn.	ton.	6.25 -	—
Leroy, Minn.	ton.	8.00 -	—
Limedale, Ark.	ton.	7.00 -	—
Longview, Ala.	ton.	7.00 -	—
Marble Cliff, Ohio.	ton.	6.50 -	—
Marblehead, Ohio.	ton.	7.00 -	—
Martinsburg, W. Va.	ton.	7.00 -	—
Menominee, Mich.	ton.	7.50 -	—
Mitchell, Ind.	ton.	6.50 -	—
Newala, Ala.	ton.	6.25 -	—
Petosky, Mich.	ton.	8.00 -	—
Port Island, Mich.	ton.	7.50 -	—
Ripplemead, Va.	ton.	6.25 -	—
Riverton, Va.	ton.	6.25 -	—
Scioto, Ohio.	ton.	6.00 -	—
Sheboygan, Wis.	ton.	7.00 -	—
Sherwood, Wis.	ton.	7.50 -	—
Springfield, Mo.	ton.	7.00 -	—
Woodville, Ohio.	ton.	7.00 -	—
hydrated, paper bgs., f.o.b. Bellefonte, Pa.	ton.	8.50 -	—
Berkeley, W. Va.	ton.	8.50 -	—
Buffalo	ton.	11.00 -	—
California, northern.	ton.	14.75 -	—
southern	ton.	13.75 -	—
Cedar Hallow, Pa.	ton.	8.50 -	—
Chicago	ton.	9.50 -	—
Crab Orchard, Tenn.	ton.	9.00 -	—
Dallas, Tex.	ton.	12.00 -	—
Durbin, Ohio.	ton.	8.00 -	—
Eagle Mountain, Va.	ton.	8.50 -	—
Easton, La.	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	8.50 -	—
Hannibal, Mo.	ton.	8.50 -	—
Keystone, Ala.	ton.	9.00 -	—
Knoxville, Tenn.	ton.	9.00 -	—
Limedale, Ark.	ton.	9.00 -	—
Longview, Ala.	ton.	9.00 -	—
Marble Cliff, Ohio.	ton.	8.00 -	—
Marblehead, Ohio.	ton.	9.00 -	—
Martinsburg, W. Va.	ton.	8.50 -	—
Milltown, Ind.	ton.	12.50 -	—
Mitchell, Ind.	ton.	9.00 -	—
Newala, Ala.	ton.	9.00 -	—
Pelham, Ala.	ton.	9.00 -	—
Petosky, Mich.	ton.	9.00 -	—
Port Island, Mich.	ton.	9.00 -	—
Rapid City, S. D.	ton.	12.00 -	—
Ripplemead, Va.	ton.	8.00 -	—
Riverton, Va.	ton.	9.00 -	—
Scioto, Ohio.	ton.	8.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Siluria, Ala.	ton.	9.00 -	—
Springfield, Mo.	ton.	9.00 -	—
Woodville, Ohio.	ton.	8.50 -	—
spray, paper bgs, f.o.b. Bellefonte, Pa.	ton.	9.00 -	—
Durbin, Ohio.	ton.	9.00 -	—
Farnams, Mass.	ton.	9.00 -	—
Gibsonburg, Ohio.	ton.	11.00 -	—
Marble Cliff, Ohio.	ton.	11.00 -	—
Marblehead, Ohio.	ton.	11.00 -	—
Mitchell, Ind.	ton.	9.00 -	—
Scioto, Ohio.	ton.	9.00 -	—
Sherwood, Wis.	ton.	9.00 -	—
Woodville, Ohio.	ton.	11.00 -	—
Salts (see Calcium)			

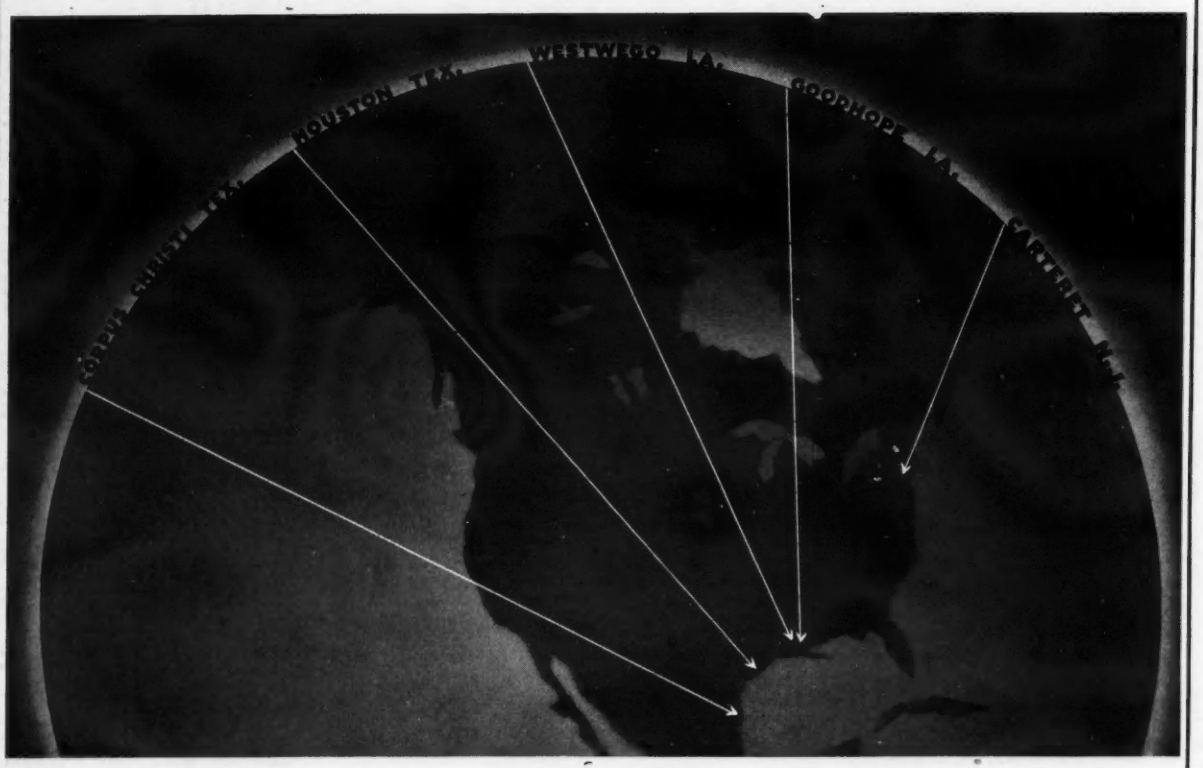
Lime-Sulphur—Methanol, nat.

Lime-sulphur, dry, bgs., consumer, dlvd. Ore.	lb.	.06½- .06½
Idaho, Utah, and W. Mont.	lb.	.07½- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)	lb.	.06½- .06½
dealers, dlvd. E. of Rockies, except Fla.	lb.	.07½- .06½
Ore.	lb.	.06½- —
Idaho, etc.	lb.	.06½- —
Wash. (as above)	lb.	.06 - —
Lime-sulphur, dry, bgs., jobbers, dlvd. E. of Rockies, except Fla.	lb.	.07½- 06¼
Ore.	lb.	.06½- —
Idaho, etc.	lb.	.06½- —
Wash. (as above)	lb.	.05½- —
dms., dealers, dlvd. E. of Rockies, except Fla.	lb.	.11 - .12
Fla.	100 lbs.	1.90 - 2.00
jobbers, dlvd. E. of Rockies, except Fla.	lb.	.10¼- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Allegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.), Va., W. Va., Wis.	gal.	.13 - .16
jobbers, same basis	gal.	.12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc.	gal.	.11 - —
jobbers, same basis	gal.	.10¼- —
Linalool, cns.	lb.	1.90 - 2.15
Linalyl acetate, bots.	lb.	1.50 - 2.25
Linden flowers, with leaves, bls.	lb.	.16 - .17
without leaves, bls.	lb.	.18 - .19
Linseed cake, bgs., export	ton.	21.50 -
Meal, 32%, dom., bgs.	ton.	30.50- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.0635- —
other points	lb.	.0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.07¼- —
Colo., Mont., N. Mex., Wyo.	lb.	.07 - —
other points	lb.	.06½- —
smaller lots, dlvd., Ala., etc.	lb.	.07¼- —
Ariz., etc.	lb.	.07¾- —
Colo., etc.	lb.	.07½- —
other points	lb.	.07 - —
Lithium bromide, jars	lb.	1.70 - 1.75
Carbonate, bbls.	lb.	1.25 - 1.30
Chloride, bbls.	lb.	1.65 - 2.00
Citrate, bbls.	lb.	1.40 - 1.50
Fluoride, bbls.	lb.	2.00 - 2.50
Iodide, bots., jars	lb.	4.45 - 4.50
Lithopone, dom., high-strength, bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.	lb.	.06 - —
smaller lots, same basis.	lb.	.06¼- —
bbls., 5 tons, same basis.	lb.	.06¼- —
smaller lots, same basis.	lb.	.06½- —
Lithopone, dom., ordinary, bgs., 5-tons, same basis.	lb.	.04¼- —
smaller lots, same basis.	lb.	.04½- —
bbls., 5 tons, same basis.	lb.	.04¾- —
smaller lots, same basis.	lb.	.05 - —
titanated, bgs., 5 tons, same basis.	lb.	.06 - —
smaller lots, same basis.	lb.	.06¼- —
bbls., 5 tons, same basis.	lb.	.06¼- —
smaller lots, same basis.	lb.	.06½- —
import., bbls., ex dock	lb.	No prices
Liverwort leaves, bls.	lb.	.19 - .20
Lobelia herb, bls.	lb.	.12 - .13
Seed, bgs.	lb.	.35 - .36
Logwood extract, cryst., bbls.	lb.	.16 - .20
liquid, 51°, bbls.	lb.	.06½- .10¼
solid, bxs.	lb.	.12½- .17¼
Sticks, Haitian, shipt.	ton.	24.00 -25.00
Lovage root, dom., bls.	lb.	.55 - .65
import., bls.	lb.	.26 - .35
Lupulin, N.F., dom., old crop, tins	lb.	1.50 - —
new crop, tins	lb.	3.00 - —
import., tins	lb.	No stocks
Lycopodium, cs.	lb.	1.20 - 1.30

M

Mace, Banda, cs.	lb.	.60 - .63
Batavia, cs.	lb.	.45 - .46
Siauw 1, cs.	lb.	.58 - .60
Madder, Dutch, bgs.	lb.	.22 - .25
Magnesia arsenate bgs.	lb.	.18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b Plymouth Meeting, Pa., frt. alld. to Balto. Bost., N. Y., Phila.	lb.	.27 - —
Magnesia, calcined, dom., 1,000-10,000 lbs., same basis.	lb.	.28½- —
less than 1,000 lbs., same basis.	lb.	.30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.23 - —
1-lb. pkgs., same basis.	lb.	.33 - —
light, bbls., same basis.	lb.	.33 - —
1-lb. tins, same basis.	lb.	.33 - —
USP, heavy, bbls., same basis.	lb.	.39 - —
1-lb. pkgs., same basis.	lb.	.40 - —
special, bbls., same basis.	lb.	.37 - —
super light, bbls., same basis.	lb.	.39 - —
import., heavy, pharm., bbls.	lb.	.50 - —
light, extra, bbls.	lb.	.36 - .40
standard, bbls.	lb.	.30 - —
Carbonate, tech., bgs., c.l., works.	lb.	.06 - .06½
USP, bbls., c.l.	lb.	.06¼- .09
Chloride, flake, dom., bbls., works.	ton.	36.00 -39.00
Hypophosphite, cns.	lb.	1.45 - 1.50
Oxide (see Calcined)		
Palmitate, bbls.	lb.	.23 Nom.
Peroxide, 15%, dms., works.	lb.	1.00 - 1.05
Silicate (see Talc)		
Silicofluoride, bbls.	lb.	.09½- .10½
Stearate, bbls., ctns., c.l.	lb.	.20 - —
1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
smaller lots.	lb.	.23 - —
Sulphate (see Epsom salt)		
Magnesite, calc., import., bbls.	ton.	60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash.	ton.	22.00 - —
Malva flowers, black, bls.	lb.	.38 - .40
Blue, bls.	lb.	.45 - .50
Leaves, bls.	lb.	.12 - .13
Manaca root, bls.	lb.	.20 - .21
Mandrake root, bls.	lb.	.09½- .10
Manganese acetate, dms.	lb.	.25½- .29½
Arsenate, bgs.	lb.	.12 - .13½
Borate, tech., bbls.	lb.	.15 - .16
Chloride, bbls.	lb.	.07½- .08
Dioxide, Caucasian, 85-90%, caks., c.l., works.	ton.	51.50 - —
l.c.l., 5 tons, works.	ton.	54.50 - —
smaller lots, works.	ton.	59.50 - —
burlap bgs., c.l., works.	ton.	49.50 - —
l.c.l., 5 tons, works.	ton.	52.50 - —
smaller lots, works.	ton.	57.50 - —
paper bgs., c.l., works.	ton.	47.50 - —
l.c.l., 5 tons, works.	ton.	50.50 - —
smaller lots, works.	ton.	55.50 - —
Glycerophosphate, bbls., cns., 100 lbs.	lb.	2.60 - 2.65
Hydrate, bbls., dlvd.	lb.	.30 - —
Iodide, bots., jars.	lb.	5.20 - 5.25
Linoleate, liquid, 4%, dms.	lb.	.19 - .19½
solid, precip., 3.2%, bbls.	lb.	.17½- .19
Ore, 52% basis, bbls., c.i.f. Atl. pts.	unit-ton.	.26 - .27
Resinate, fused, 8¼%, bbls.	lb.	.09¼- .09½
precip., dms.	lb.	.12 - —
Sulphate, anhyd., bbls., works.	lb.	.07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South	ton.	48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory	unit-ton.	.75 - —
l.c.l., 5 tons, works.	lb.	.03½- —
smaller lots, works.	lb.	.04 - —
Mangrove bark, bgs., shipmt.	ton.	26.50 -27.00
Extract, 55%, bgs.	lb.	.04 - —
Manna, flake, large, cs.	lb.	.45 - .48
small cs.	lb.	.24 - .26
Mannitol, pure, cryst., cs., works	lb.	1.60 - —
Marble flour, bgs.	ton.	12.00 -14.00
Marjoram, French, bls.	lb.	.21½- .22
Tunisan, bls.	lb	.21 - .22
Matico leaves, bls.	lb.	.30 - .31
Menthol, cs.	lb.	3.25 - 3.35
synthetic, cs.	lb.	2.25 - 2.50
Mercurial ointment, 30%, cns.	lb.	.74 - —
33⅓%, cns.	lb.	.77 - —
50%, cns.	lb.	1.07 - —
Mercury (see Quicksilver)		
Bichloride (see Corrosive sublimate)		
Bisulphate, kgs.	lb.	1.33 - —
Chloride (see Calomel)		
Iodide, red, kgs., jars	lb.	3.60 - 3.65
Yellow, kgs., jars	lb.	2.70 - 2.75
Nitrate ointment (see Citrine ointment)		
Oxide, black, dms., kgs.	lb.	2.85 - —
Red, N.F. (see Red precipitate)		
tech. (see Red, mercury oxide)		
Yellow, dom., tech., bbl.	lb.	1.19 - —
USP, dms., kgs.	lb.	1.69 - —
Mercury and chalk, kgs.	lb.	.75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50 - 1.75
Composition, 5½x5½ in.	pkg.	1.65 - 1.90
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.50 -15.00
3⅜x3⅜ in.	pkg.	16.00 -16.50
4x4 in.	pkg.	18.50 -19.00
2⅝x5⅞ in.	pkg.	21.50 -22.00
3⅜x5⅞ in.	pkg.	23.50 -24.00
Silver, 3⅜x3⅜ in.	pkg.	2.50 - 2.75
Metanitroaniln, kgs.	lb.	.67 - .69
Metanitroparatoluidin, bbls.	lb.	1.40 - 1.45
Metaphenylenediamine, kgs.	lb.	.83 - .84
Metatoluylenediamine, kgs.	lb.	.67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld.	gal.	.48 - —
tanks, frt. alld.	gal.	.45 - —
contracts, frt. alld.	gal.	.40 - —
95%, dms., c.l., Zone 1, frt. alld.	gal.	.37½- —
2, frt. alld.	gal.	.39½- —
3, frt. alld.	gal.	.40½- —
4, frt. alld.	gal.	.42½- —
5, frt. alld.	gal.	.43½- —
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.40 - —
2, frt. alld. or dlvd.	gal.	.44½- —
3, frt. alld. or dlvd.	gal.	.43 - —
4, frt. alld. or dlvd.	gal.	.59 - —
5, frt. alld. or dlvd.	gal.	.48½- —
tanks, Zone 1, frt. alld.	gal.	.33 - —
2, frt. alld.	gal.	.34½- —
3, frt. alld.	gal.	.35½- —
4, frt. alld.	gal.	.36½- —
5, frt. alld.	gal.	.36½- —
97%, dms., c.l., Zone 1, frt. alld.	gal.	.38½- —
2, frt. alld.	gal.	.40½- —
3, frt. alld.	gal.	.41½- —
4, frt. alld.	gal.	.43½- —
5, frt. alld.	gal.	.43½- —
l.c.l, Zone 1, frt. alld. or dlvd.	gal.	.41 - —
2, frt. alld. or dlvd.	gal.	.45½- —
3, frt. alld. or dlvd.	gal.	.44 - —
4, frt. alld. or dlvd.	gal.	.59 - —
5, frt. alld. or dlvd.	gal.	.50½- —
tanks, Zone 1, frt. alld.	gal.	.34 - —
2, frt. alld.	gal.	.35½- —
3, frt. alld.	gal.	.37½- —
4, frt. alld.	gal.	.37½- —
5, frt. alld.	gal.	.37½- —

A Map of the most efficient terminal facilities for the importation of your vegetable oils



Importers have found in General American terminals the key to most efficient handling of their vegetable oils. Cargoes are unloaded direct into bonded tanks and duty paid only as material is withdrawn into use. Tank scales at our Goodhope Terminal insure prompt and accurate loading. General American vegetable oil experience assures them of reliable handling without fear of contamination. All General American terminals have separate tanks, pumps and lines exclusively for vegetable oils. Special loading racks at Goodhope and Westwego for unloading direct from ship to tank car. Tariffs are moderate, bringing your vegetable oil shipments added protection at lower costs.

GENERAL AMERICAN TANK STORAGE & TERMINAL CO., Inc.

A Subsidiary of General American Transportation Corporation

Terminals: Goodhope, La.; Westwego, La.; Corpus Christi, Texas; Houston, Texas; Carteret, N. J.
Office: 135 So. La Salle St., Chicago, Ill.

General American's newest terminal, at Houston, is the most efficient public terminal in the Southwest. If you export or import in this territory, you certainly should learn about the money saving advantages it offers you.

CAN HANDLE ANY LIQUID COMMODITY

Methanol, pure, dms., cl., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½ - —
8, frt. alld.....gal. .48 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .48 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .18 - —
W. of Rockies.....lb. .18½- —
l.c.l., frt. alld., E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .37 - —
Acetone, dms., c.l., contracts Zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .50½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
Tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Alcohol (see Methanol).

Anthranilate, bots.....lb. 2.10 - 2.50
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .25 - .26
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .42
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —

Methylpropyl carbinol (see Carbinol).

Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.00 -30.00
l.c.l., works.....ton.29.00 -37.50
200, 140 mesh, bgs., c.l., works..ton.30.00 - —
l.c.l., works.....ton.32.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
Mica, wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .08¾- —
l.c.l.....lb. .09¾- —
spray, bbls., c.l.....lb. .09½- —
l.c.l.....lb. .10½- —
unskimmed, roller, bbls.,c.l.lb. .17½- —
l.c.l.....lb. .18½- —
spray, bbls., c.l.....lb. .17½- —
l.c.l.....lb. .18½- —
Millet seed, bgs.....lb. .03 - .03¼
hulled, bgs.....lb. .05 - .05½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .06 - .06½
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniline, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethyl.ydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. 1.05 - 1.10
Leaves, bls.....lb. .97 - .98
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .03½- .09
Mustard seed, Bombay, brown, bgs..lb. .07½- .08
California, brown, bgs.....lb. .06¾- .06¾
yellow, bgs.....lb. .06¾- .07¼
Chinese, yellow, bgs.....lb. .05¼- .05¾
Dutch, yellow, bgs.....lb. .06¼- .06¾
English, yellow, bgs.....lb. .05¾- .09¼
Hungarian, yellow, bgs....lb. .07¼- .07¾
Montana, brown, bgs.....lb. .07¼- .07¾
yellow, bgs.....lb. .05¾- .06¼
Roumanian, yellow, bgs...lb. .06¼- .06½
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt...ton.22.50 -23.00
J2, bgs., shipt.....ton.14.50 - —
R2, bgs., shipt.....ton.14.00 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. No prices
import., 74-78%, bgs., c.l.f. Atlantic ports..100 lbs. 3.50-4.50 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works..lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (10 oz.), same basis..lb. .08 - —
(12 oz.), same basis, pkg. .06½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., bgs., same basis..lb. .07½- —
Refined naphthalene Western prices are ¼c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 30c. per 100 lbs. higher.
Neroiin, cryst., cns.....lb. 1.27 - 1.35
Nickel carbonate, bbls.....lb. .36 - —
Chloride, bbls.....lb. .18 - .19½
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....8 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l.....lb. .11 - —
tanks.....lb. .08½- —
Nitrocellulose, alcohol-soluble, ¼, 15-20, 30-40, sec. vis., bbls., c.l., works..lb. .29½- —
l.c.l., 20-40, works.....lb. .30 - —
1-19, works.....lb. .31 - —
bronsing, 20, 40, 70 sec. vis., bbls., c.l., works..lb. .31½- —
l.c.l., 20-40, works.....lb. .32 - —
1-19, works.....lb. .33 - —
ester-soluble, ¼, ½, ¾, 15-20 sec. and higher vis., bbls., c.l., works..lb. .27½- —
l.c.l., 20-40, works.....lb. .28 - —
1-19, works.....lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works..lb. .32½- —
l.c.l., 20-40, works.....lb. .33 - —
1-19, works.....lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-10% ammon., dom., bulk, f.o.b. Carrolville, Wis., unit-ton. 1.80 - —
Chemical, Ill., June shipt..unit-ton. 1.85 Nom.
East Coast producing points..unit-ton. 2.00 - —
import., bgs., c.i.f. Atlantic ports, July/Sept. shipt..unit-ton. 2.00 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .16¾- .17½
West Indian, bgs.....lb. .12½- .13¾
Nux vomica, bis.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .09

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .06 - —
Octyl acetate, dms., c.l.,works..lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.25 - 2.75
Sweet, true, exp., cns.....lb. .56 - .57
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .50 - .51
Amyris, cns.....lb. 2.70 - 2.80
Angelica root, bots.....lb.64.00 -80.00
Seed, bots.....lb.72.00 -160.00
Anilin (see A).
Anise,USP, cns, dms.....lb. .60 - .63
Apricot kernel, dom., dms., frt. alld..lb. .32½- .33
spot.....lb. .26 - .30
Russian, dms.....lb. .20 - .21
Babassu, tanks.....lb. .06¾- —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.20
natural, coppers.....lb. 1.90 - 2.30
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .15
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .28
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 3.00 - 3.25
Camphor, sassafrassy, cns...lb. .16½- .18
dms.....lb. .15 - .17
white, cans.....lb. .17½- .23
dms.....lb. .16 - .20
Cananga, native, cns.....lb. 2.30 - 2.35
rectifid., cns.....lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 3.00
Cardamom, bots.....lb.10.50 -28.00
Cassia, USP, cns, dms.....lb. 1.00 - 1.10
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l.....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l.....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l.....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks.....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l.....lb. .11 - —
dms. (returnable), c.l.....lb. .10 - —
l.c.l.....lb. .10¾- —
tanks.....lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (43% fat), dms., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l.....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l.....lb. .13 - —
Cedarleaf, cns.....lb. .95 - 1.10
dms.....lb. .80 - 1.05
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .23
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .95 - —
25 lbs.....lb. 1.05 - —
Cninawood.....lb. .18½- .18¾
tanks.....lb. .1800- .1820
Cinnamon, Ceylon, bots.....lb. 9.00 - 22.00
Seychelle, bots.....lb. 8.00 -10.00
Citronella, Ceylon, cns.....lb. .21 - .22
dms.....lb. .18 - .19
Java, dms.....lb. .31 - .32
Clove, USP, cns.....lb. .97 - —
dms.....lb. .94 - —
Coconut, Manila, crude, tanks. lb. .04¼- —
Pac. Cst.....lb. .03¾- .04
edible, 76°, tax inc., dms. (returnable), c.l..lb. .09¼- —
l.c.l.....lb. .09¾- —
tanks.....lb. .08¾- —
Cod, Newfoundland, tanked, bbls..gal. .40 Nom.
Norwegian, bbls.....gal. .34 - .36
Codliver, med., Norwegian,bbls. bbl.24.00 -26.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. 5.40 - 5.75
Corn, crude, tanks, works....lb. .08 - .08¼
refd., bbls.....lb. .10¾- .11
Cottonseed, dom., cooking, bbls. 100 lbs.10.40 - —
salad, bbls.....100 lbs.10.55 - —
import., Brazilian, semirefd., dms..lb. .05½ Nom.
British, refd., tanks.....lb. .10⅝ Nom.
semirefd., dms.....lb. .0680 Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.40 - 1.50
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.40 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. .80 - .90
Dill seed, bots.....lb. 3.60 - 4.50
Weed, bots.....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .25 - .26
dms.....lb. .23 - .24
Fennelseed, sweet, cns.....lb. 1.00 - 1.25
Fuel, bunker, California, tide-water..bbl. .82½- .85
Gulf Coast.....bbl. .90 - —
Kansas, 24-26.....bbl. .80 - .85
Louisiana-Arkansas, 16-20..bbl. .80 - .70
18-20.....bbl. .80 - .75
N. Y. and N. J. terminals:—
Monday.....bbl. 1.05 - —
Tuesday.....bbl. 1.05 - —
Wednesday.....bbl. 1.05 - —
Thursday.....bbl. 1.05 - —
Friday.....bbl. 1.05 - —
Saturday.....bbl. 1.05 - —
North Texas, 24-26.....bbl. .65 - .70
26-30.....bbl. .70 - .75
Oklahoma, 12-22.....bbl. .65 - .70
24-26.....bbl. .70 - .75
26-30.....bbl. .80 - .85
28-30.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¾- .04¾

Methanol, natural—Oil, nutmeg

Oil, furnace, Bayonne, 1, bulk, refinery.....gal. .03¼- —
2, bulk, same basis.....gal. .04¼- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .03¾- —
Kansas, 38-40.....gal. .03½- .03¾
Louisiana - Arkansas, 38 - 40, light straw.....gal. .02¾- .03
Oklahoma, 28-30.....gal. .03 - .03½
32-36.....gal. .03½- .03½
36-38.....gal. .03¾- .03½
38-40, straw.....gal. .03½- .03¾
38-40, zero, 60 e.p.....gal. .03¾- .03¾
Fusel (see F).
Gas, Bayonne, 32-36, bulk..gal. .04½- —
Gulf Coast, 32-36, bulk....gal. .02 - —
Kansas, 32-36, bulk.....gal. .02½- .02¾
Louisiana - Arkansas, 32 - 36, bulk.....gal. .03 - .03½
Gas, North Texas, 32-36, bulk. gals. .02½- —
Oklahoma, 32-36, zero, straw, bulk..gal. .02½- .02¾
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns.....lb. 5.25 - 6.75
Turkish, cns.....lb. 1.60 - 2.60
Grapefruit, cns.....lb. 2.25 - 2.50
Ginger, dist., bots.....lb. 3.50 - 4.00
Guaiac wood, concrete, bots..lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import. bots.....gross 3.40 - 3.50
Halibut-liver, dms..... 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. .70 - .80
Hempseed, crude, dms.....lb. .06¼- .06½
refd., dms.....lb. .06¾- .06½
Herring, tanks, Pac. Cst...gal. No stocks
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Lard, common, 1, bbls..100 lbs. 7.50 - —
2, bbls.....100 lbs. 7.25 - —
extra, bbls.....100 lbs. 9.50 - —
1, bbls.....100 lbs. 7.75 - —
headlight, burning bbls.100 lbs.10.75 - —
prime, ed., bbls.....100 lbs.12.75 - —
ined., bbls.....100 lbs.10.75 - —
winter, strained, extra, bbls, 100 lbs. 9.75 - —
prime, bbls.....100 lbs.10.00 - —
Lavender flowers, French, USP, cns..lb. 2.75 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. .95 - 1.40
dms.....lb. .85 - —
Lemon, Calif., cns.....lb. 1.00 - —
Messina, coppers, cns.....lb. 1.15 - 1.50
Lemongrass, native, cns., dms. lb. .45 - .50
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -12.00
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0960- .0990
l.c.l., 5 or over.....lb. .1000- .1030
less than 5.....lb. .1040- .1070
tanks.....lb. .0900- .0930
double boiled, bbls., less than 5..lb. .1060- .1090
raw, bbls., c.l.....lb. .0920- .0950
l.c.l., 5 or over.....lb. .0960- .0990
less than 5.....lb. .1000- .1030
tanks.....lb. .0860- .0890
Lovage, bots.....lb.65.00 -68.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks..gal. .12¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks...gal. .16½- —
3 color, tanks.....gal. .14 - .14½
4 color, tanks.....gal. .13½- .13¾
E, tanks.....gal. .21 - —
180 vis., 3 color, tanks.gal. .15½- .15½
4 color, tanks.....gal. .14¾- .15
190 vis., tanks.....gal. .22 - —
200 vis., 3 color, tanks.gal. .15¾- .16
4 color, tanks.....gal. .15½- .15½
5 color, tanks.....gal. .14¾- .15
E, tanks.....gal. .24 - —
220 vis., 3 color, tanks.gal. .16¾- .17
4 color, tanks.....gal. .16½- .16¾
5 color, tanks.....gal. .16½- .16½
240 vis., 3 color, tanks.gal. .17¾- .18
4 color, tanks.....gal. .17½- .17½
280 vis., 3 color, tanks.gal. .18¾- .19
4 color, tanks.....gal. .18 - .18½
5½ color, tanks.....gal. .17½- .17¾
Pennsylvania, bright, 600 cold test, 10-40 pour,tanks, gal. .25½- —
10-15 pour, tanks...gal. .26½- —
cylinder, 600 fire, tanks, gal. .15½- —
600 flash, tanks.....gal. .18½- —
630 flash, tanks.....gal. .22 - —
635 fire, tanks.....gal. .17 - —
650 fire, tanks.....gal. .17½- —
Warren, E, amber, tanks..gal. .19 - —
neutral, 150 vis., 3 color, tanks..gal. .22½- —
180 vis.,3 color,tanks.gal. .24 - —
200 vis.,2 color,tanks.gal. .25½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .30½- —
unfiltered, 600 a.r., bbls., c.l., f.a.s..gal. .23 - —
600 flash, a.r., bbl., c.l., f.a.s..gal. .24½- —
630 flash, a.r., bbls., c.l., f.a.s..gal. .27½- —
650 a.r., bbls., f.a.s..gal. .23½- —
Warren, E, bbls., c.l.,f.a.s. gal. .25 - —
smaller lots, f.o.b..gal. .31 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .32 - .33
refd., alkali, dms, c.l.....lb. .0660- —
l.c.l.....lb. .0700- —
tanks.....lb. .0620- —
blown, dms.....lb. .0680- —
kettle-bodied, dms.....lb. .0800- —
light, pressed, dms, c.l...lb. .0600- —
l.c.l.....lb. .0620- —
tanks.....lb. .0560- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots...lb. 1.73 - 1.73
dist., natural, bots.....lb. 8.00 - 9.00
expressed, bbls.....gal. .70 - .75
Neatsfoot, cold test, bbls.100 lbs.16.00 - —
extra, bbls.....100 lbs. 8.00 - —
1, bbls.....100 lbs. 7.75 - —
pure, bbls.....100 lbs.11.50 - —
special, bbls.....100 lbs. 9.75 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.35.00 -60.00
Nutmeg, USP, cns.....lb. 1.10 - 1.15

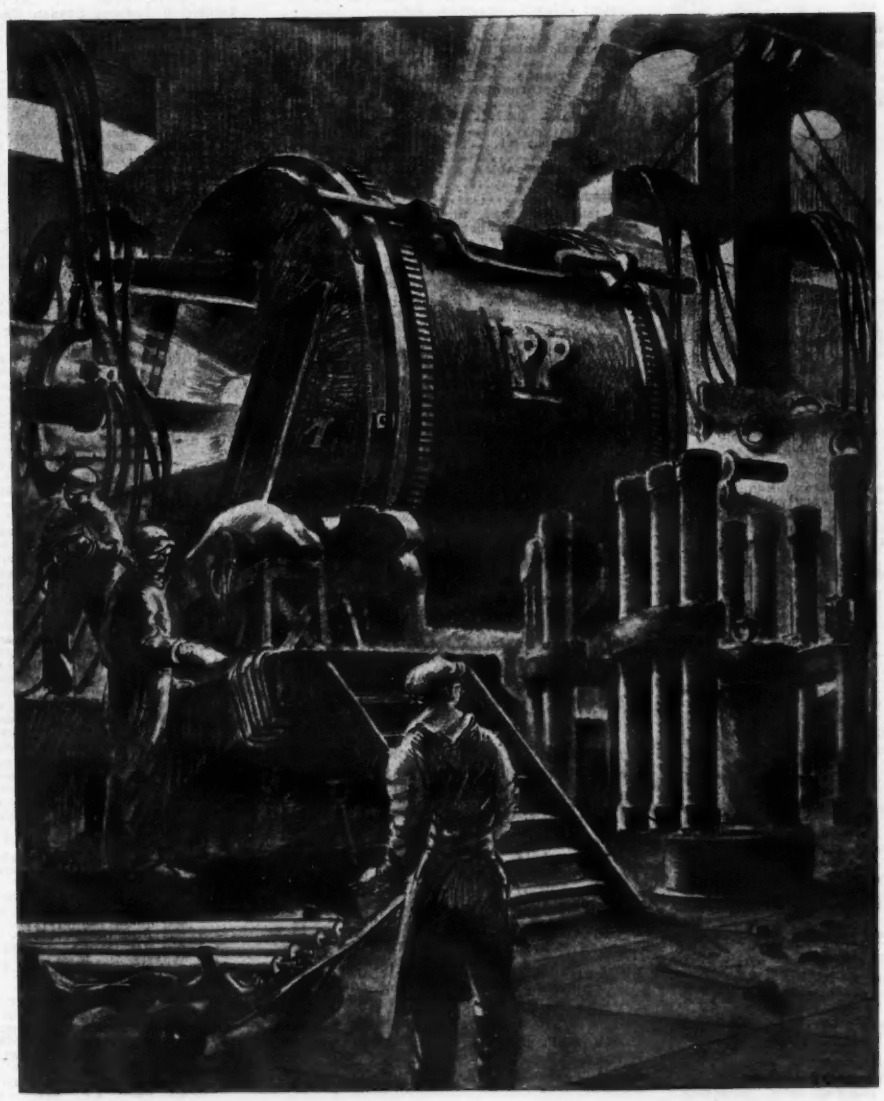
Oil, Oiticica—Pareira brava root

Oil, oiticica, dms	lb.	.14¼ -	.14½
shipment	lb.	.14½ -	—
Oleo, 1, bbls	100 lbs.	9.50 -	—
2, bbls	100 lbs.	9.00 -	—
Olibanum, bots	lb.	5.25 -	5.50
Olive, denat., bbls	lb.	.74 -	.75
edible, bbls	gal.	1.60 -	1.80
foots, bbls	lb.	.08 -	.08¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.09 -	—
l.c.l.	lb.	.09½-	—
75% (65% fat), dms., c.l.	lb.	.12¾-	—
l.c.l.	lb.	.13 -	—
50% (65% fat), dms., c.l.	lb.	.13¾-	—
l.c.l.	lb.	.14 -	—
Orange, sweet, dist., cns	lb.	.75 -	—
expressed, African, cns., dms.	lb.	.95 -	1.00
Calif., cns	lb.	2.25 -	—
Florida, cns	lb.	2.25 -	2.30
Messina, USP, coppers	lb	1 90 -	3.00
Spanish, cns	lb.	2.50 -	2.55
West India, cns	lb.	1.95 -	2.00
Origanum, Spanish, cns	lb.	.70 -	1.35
Orris, Florentine, concrete, extra strong, bots	oz.	5.50 -	5.75
Palm, Niger, cks	lb.	.0435-	.0450
shipment	lb.	.0390-	—
softs, 12%, bulk, shipt	lb.	.0360-	—
20%, bulk, shipt	lb.	.0350-	—
Sumatra, tanks	lb.	.03¾	Nom.
Palmarosa, cns	lb.	1.60 -	2.00
Palmkernel, bulk, shipt	lb.	.0490	Nom.
Paraffin, 230° flash, 60-70 vis., tanks, G. S.	gal.	.05¼-	—
230° flash, 70-80 vis., tanks, G. S.	gal.	.05½-	—
80-85 vis., bbls. extra, Ind. refy.	gal.	.12 -	—
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14 -	—
360° flash, 100-110 vis., tanks, G. S.	gal.	.05¾-	—
Oil, patchouli, bots	lb.	4.75 -	6.00
Peanut, crude, tanks, works	lb.	.07¾-	.08
refd., edible, bbls	lb.	.12 -	.12¼
Pennyroyal, dom., cns	lb.	1.65 -	2.00
import., cns	lb.	1.35 -	1.40
Peppermint, natural, cns	lb.	1.90 -	2.20
redist., USP, cns	lb.	2.15 -	2.50
Perilla, dms	lb.	.07¼-	.07½
tanks	lb.	.0690-	.0700
Petitgrain, Paraguay, cns	lb.	1.00 -	1.15
Pimento berry, cns	lb.	2.20 -	2.50
Leaf, cns	lb.	1.05 -	1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports	gal.	.44 -	—
steam-dist., straw-color, bbls.	gal.	.50 -	—
tanks	gal.	.54 -	—
water-white, bbls	gal.	.64 -	—
tanks	gal.	.59 -	—
Pineneedle, Siberian, cns	lb.	.90 -	1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
Whiting, Ind	gal.	.26 -	—
dms., c.l., Bost., Provid.	gal.	.25½-	—
l.c.l., same basis	gal.	.27 -	—
tanks, same basis	gal.	.18 -	—
Martinez, Cal	gal.	.28 -	—
Rapeseed, blown, bbls	lb.	.0680-	.0690
denat., bbls	gal.	.52 -	.52½
Red, dist. or saponif., bbls., dlvd.	lb.	.08¾-	.09¾
dms, dlvd	lb.	.08½-	.09½
tanks, dlvd	lb.	.07¾-	—
white, dms, dvld	lb.	.11½-	.12½
Rose, artif., bots	oz.	2.00 -	2.00
natural, coppers	oz.	5.25 -	23.50
Rosemary, tech., cns	lb.	.30 -	.42
USP, cns., dms	lb.	.34 -	.45
Rosin, 1st rectfd., dms	gal.	.42 -	.44
2d rectfd., dms	gal.	.48 -	.50
3d rectfd., dms	gal.	.55 -	.57
Rue, bots	lb.	2.15 -	2.30
Sage, cns	lb.	1.70 -	1.75
Oil, salmon, tanks, Pac. cst.	gal.	.31	Nom.
Sandalwood, Australia, cns.	lb.	4.50 -	5.00
E.I., USP, cns	lb.	4.80 -	5.50
Sardine, crude, tanks, Pac. cst.	gal.	.28	Nom.
rfd., alkali, dms., c.l.	lb.	.0660-	—
l.c.l.	lb.	.0700-	—
tanks	lb.	.0620-	—
kettle-bodied, dms	lb.	.0800-	—
light, pressed, dms., c.l.	lb.	.0600-	—
l.c.l.	lb.	.0620-	—
tanks	lb.	.0560-	—
poultry feed., dms., Pac. cst.	gal.	.50 -	—
Sassafras, artif., dms	lb.	.38 -	.39
cns	lb.	.41 -	.42
natural, cns., dms	lb.	.75 -	1.40
Savin, cns	lb.	1.70 -	1.75
Sesame, dom., refd., white, dms.	lb.	.12¾-	.13¼
yellow, dms	lb.	.12¾-	.13¼
Shingle stain, bbls., c.l., works	gal.	.17½-	—
l.c.l., works	gal.	.20 -	—
tanks, works	gal.	.14½-	—
Snakeroot, Canada, cns	lb.	10.25 -	12.50
Soybean, dom., crude, dms.	lb.	.0760-	.0800
tanks	lb.	.0700-	—
refd., dms	lb.	.0810-	.0900
tanks	lb.	.0750-	.0800
Spearmint, USP, cns	lb.	1.40 -	1.50
Sperm, bleach, 38°, dms	lb.	.0940-	.0960
40°, dms	lb.	.0870-	.0880
natural, dms	lb.	.0620-	.0640
Spruce, cns	lb.	.70 -	.80
Sunflowerseed, refd., dms	lb.	.09½-	.10
Sweet birch, North., cns	lb.	2.50 -	2.75
South., cns	lb.	1.90 -	2.10
Tallow, acidless, bbls	100 lbs.	7.50 -	—
tanks	100 lbs.	7.00 -	—
Tansy, cns	lb.	1.50 -	1.60
Tar, comml., dms., c.l., dlvd. E. cities	gal.	.20 -	—
E. ports	gal.	.25 -	—
l.c.l.	gal.	.28 -	—
tanks, dlvd. E. cities	gal.	.20 -	—
Oil, tar acid (see T).			
Teaseed, dms	lb.	.08¼-	.08½
shipment	lb.	.08½-	—
Thyme, NF, red, dms	lb.	.68 -	.85
white, dms	lb.	.89 -	1.10
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns	gal.	4.00 -	5.00
Valerian, bots	lb.	13.50 -	14.00
Vetiver, Bourb., bots	lb.	10.50 -	11.00
Walnut, crude, dms	lb.	.10¼-	.10½
refd., dms	lb.	.11¼@	.11¾
Whale, refd., natural, dms	lb.	.0740-	.0760
winter, bleach., dms	lb.	.0780-	.0800
White mineral, dom., tech., 50-60 vis., dms	gal.	.42 -	.44
65-75 vis., dms	gal.	.44 -	.46
80-90 vis., dms	gal.	.45 -	.47
U.S.P., 80-90 vis., dms	gal.	.54 -	.56
95-105 vis., dms	gal.	.63 -	.65
125-135 vis., dms	gal.	.75½-	.77½
140-150 vis., dms	gal.	.76½-	.78½
175-185 vis., dms	gal.	.78¾-	.80¾
200-210 vis., dms	gal.	.80 -	.82
320-330 vis., dms	gal.	.85½-	.87½
335-345 vis., dms	gal.	.87 -	.89
Russian, 75-85 vis., dms.	gal.	.52 -	—
145-155 vis., dms	gal.	.74½-	—
185-190 vis., dms	gal.	.76½-	—
275-285 vis., dms	gal.	.80 -	—
335-345 vis., dms	gal.	.85 -	—
Wintergreen, natural, North., cns	lb.	4.00 -	5.00
South., cns	lb.	5.35 -	5.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns	lb.	2.05 -	2.15
Wormwood, cns	lb.	2.25 -	2.35
Ylang-ylang, Bourb., bots., cns.	lb.	3.50 -	4.00
Manila, bots	lb.	25.00 -	30.00
Opium, USP, cns	lb.	11.50 -	12.00
gran., cns	lb.	12.50 -	13.00
powd., cns	lb.	12.50 -	13.00
Orange, chrome (see Yellow, chrome).			
Lake, Persian, bbls	lb.	.30 -	.45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash.	lb.	.10¼-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾-	—
Colo., Mont., N. M., Wyo.	lb.	.10¼-	—
Other points	lb.	.10 -	—
smaller lots, dlvd. Ala., etc.	lb.	.10¾-	—
Ariz., etc	lb.	.11¼-	—
Colo., Mont., N. M., Wyo.	lb.	.11 -	—
Other points	lb.	.10½-	—
French Tours, cks., ex dock	lb.	.17 -	—
kgs., ex dock	lb.	.18¼-	—
Peel bitter bls	lb.	.08½-	.09
Sweet, bls	lb.	.09 -	.10
Toner bbls	lb.	.75 -	—
Orangeflower petals, cs	lb.	.35 -	.50
Orris root, Florentine, bgs	lb.	.09 -	.10
fingers, cs	lb.	.95 -	1.00
powd., bbls., bxs	lb.	.12 -	.13
Verona, bls	lb.	.08 -	.09
powd. bxs., cs	lb.	.11 -	.12
Orthoanisidin, bbls	lb.	.82 -	.84
Orthochloroaniiin, dms	lb.	.60 -	.75
Orthochlorophenol, dms	lb.	.35 -	.75
Orthocresol, dms	lb.	.13 -	.15
Orthodichlorobenzene, dms	lb.	.06½-	.11¼
Orthonitroaniiin, dms	lb.	.48 -	.60
Orthonitrochlorobenzene, kgs	lb.	.26 -	.30
Orthonitroparachlorophenol, cns.	lb.	.70 -	.75
Orthonitrophenol, kgs	lb.	.85 -	.90
Orthonitrotoluene, dms	lb.	.07 -	.10
Orthotoluene sulphonate, kgs.	lb.	2.00 -	2.05
Orthotoluidin, dms	lb.	.14½-	.15
Osage orange extract, cryst., bbls.	lb.	.17 -	.19
liquid, 51°, bbls	lb.	.07 -	.08
Oxyquinolin sulphate, cns., 100-lbs., works	lb.	3.50 -	—
bots., cns., 1-50 lbs	lb.	3.65 -	4.00

P

Papain, powd., cs	lb.	1.25 -	1.30
Paprika, Hungarian, bgs	lb.	.28 -	.28½
Spanish, extra fancy, cs	lb.	.32½-	.33
fair, bgs	lb.	.21½-	.22
fancy, med., bgs	lb.	.22 -	.23
Para-aminoacetanilide, kgs	lb.	.85	Nom.
Para-aminophenol, bgs., bbls.	lb.	1.05 -	—
Hydrochloride, bbls	lb.	1.35 -	—
Para-amylphenol, tertiary, dms., l.c.l., works	lb.	.50 -	—
Parachlorophenol, dms	lb.	.30 -	.45
Paracymene, rfd., dms	gal.	.70 -	1.12½
Paradichlorobenzene, dms	lb.	.16 -	.20
kegs	lb.	.18 -	.35
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l. Okla refy	lb.	.02¼-	.02¼
bbls., c.l., N.Y.	lb.	.02¼-	.0230
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¼-	.02¼
bbls., c.l., N.Y.	lb.	.0230-	.0235
yellow, 124-126 A.m.p., bbls., c.l., N.Y.	lb.	.02¼-	.0225
fully rfd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
122-125 A.m.p., bgs., c.l.	lb.	.0445-	—
export, f.a.s. N. Y.	lb.	.0440-	—
125-127 A.m.p., bgs., c.l.	lb.	.0455-	—
export, f.a.s. N. Y.	lb.	.04½-	—
128-130 A.m.p., bgs., c.l.	lb.	.0460-	—
export, f.a.s. N. Y.	lb.	.04¾-	—
130-132 A.m.p., bgs., c.l.	lb.	.0495-	—
export, f.a.s. N. Y.	lb.	.0490-	—
133-135 A.m.p., bgs., c.l.	lb.	.0555-	—
export, f.a.s. N. Y.	lb.	.05¼-	—
135-137 A.m.p., bgs., c.l.	lb.	.0560-	—
export, f.a.s. N. Y.	lb.	.05¾-	—
138-140 A.m.p., bgs., c.l.	lb.	.0625-	—
143-145 A.m.p., bgs., c.l.	lb.	.0790-	—
Refined paraffin prices in cases are ¼c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.03 -	—
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¾-	Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.23 -	—
100-lbs.	lb.	.29 -	—
Paraldehyde, tech., dms., wks.	lb.	.16 -	.18
USP, cbys	lb.	.37 -	.45
Paranitraniiin, kgs	lb.	.47 -	.49
Paranitrochlorobenzene, kgs.	lb.	.23½-	.24
Paranitrophenol, kgs	lb.	.35 -	.37
Paranitrotoluene, kgs	lb.	.35 -	.37
Paraphenylenediamine, bbls	lb.	1.35 -	1.60
Paratertiaryamylphenol, dms., 36,000 lbs., Wyandotte, Mich.	lb.	.32 -	—
10,000 lbs., same basis	lb.	.35 -	—
2,000 lbs., same basis	lb.	.40 -	—
1,000 lbs., same basis	lb.	.50 -	—
6 lbs., same basis	lb.	1.00 -	—
1-5 lbs., same basis	lb.	2.00 -	—
tanks, same basis	lb.	.31 -	—
Paratoluenesulphonamide, bbls.	lb.	.70 -	.75
Paratoluenesulphonanilide, bbls.	lb.	.65 -	—
Paratoluidin, bbls	lb.	.39 -	.40
Pareira brava root, bls	lb.	.14 -	.16

FOR YOUR SUCCESS IN THE CHEMICAL AGE



● The world is well aware that we are on the threshold of a great new chemical age. Every industry *must* now adapt itself to new laboratory discoveries... new processes and methods demanding chemicals. One of the greatest assets a manufacturer can now have is an efficient, dependable source of supply. Cyanamid offers the benefits of a nationwide delivery service... extensive research activity... capable technical cooperation... and the assurance of uniform materials carefully produced. These are assets worth having... designed to simplify your production problems... increase your standards of quality... and make for your success in the chemical age.

Above is a scene in the metal industry, where Cyanamid service is active in simplifying problems and helping to keep production running smoothly.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26	- .27
kgs., same basis	lb.	.22	- .24
kits, same basis	lb.	.26	- —
Passion flower herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.15	- .16
Pellitory root, bls.	lb.	.17	- .18
Pennyroyal, bls.	lb.	.10	- .11
Pentane, norm., 28-38°, dms., c.l., G.S.	gal.	.10	- —
l.c.l., G.S.	gal.	.15	- —
tanks, G.S.	gal.	.09	- —
laboratory grade, dms., c.l., G.S.	gal.	.19	- —
l.c.l., G.S.	gal.	.25	- —
Pepper, black, Alleppy, bgs.	lb.	.10¼	- .10⅝
Lampong, bgs.	lb.	.05¼	- .05⅝
Tellicherry, bgs.	lb.	.10½	- .11
Red, birdseye, new crop, bgs., afloat	lb.	.15	- .15½
old crop, bgs.	lb.	.13	- .13½
Japanese, 1, bgs.	lb.	.12¼	- .12⅝
Mombassa, bgs.	lb.	.13¼	- .13¾
White, Borneo, bgs.	lb.	.10½	- .11
Java, Muntok, bgs.	lb.	.11	- .11½
Saigon, bgs.	lb.	.10	- .10¼
Singapore, Muntok, bgs.	lb.	.10¾	- .11¼
Peppermint leaves, dom., bls.	lb.	.80	- .82
Import., bls.	lb.	.50	- .75
Persian berry extract, bbls.	lb.	.55	Nom.
Peru balsam, dms.	lb.	1.20	- 1.25
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾-	.03⅛
light, bbls., c.l.	lb.	.03½-	.03¾
medium, bbls., c.l.	lb.	.02⅝-	.03¼
cream, bbls., c.l.	lb.	.05	- .05½
green, dark, bbls., c.l.	lb.	.02¼-	.02⅝
red, bbls., c.l.	lb.	.02⅜-	.02⅝
veterinary, bbls., c.l.	lb.	.02⅛-	.02⅜
white, lily, bbls., c.l.	lb.	.06	- .06¼
snow, bbls., c.l.	lb.	.07	- .07¼
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74	- .85
Athens	bbl.	.84	- 1.07
Belridge	bbl.	.70	- 1.23
Buena Vista Hills	bbl.	.70	- 1.30
Coalinga	bbl.	.70	- .90
Coyote Hills (West)	bbl.	.78	- 1.33
Dominguez	bbl.	.70	- 1.04
East Coyote	bbl.	.78	- .96
Elk Hills	bbl.	.65	- 1.04
Elwood Terrace, f.o.b. ship.	bbl.	1.28	- 1.43
Huntington Beach	bbl.	.78	- 1.22
Inglewood	bbl.	.70	- 1.27
Kern Front	bbl.	.70	- —
Kern River	bbl.	.70	- —
Kettleman Hills	bbl.	1.19	- 1.48
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.65	- 1.04
Lost Hills	bbl.	.70	- 1.32
McKittrick	bbl.	.70	- —
Midway - Sunset (except Lakeview)	bbl.	.70	- 1.38
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.70	- —
Mountain View	bbl.	.70	- 1.20
Newhall	bbl.	.70	- —
Olinda Brea	bbl.	.76	- 1.27
Orcutt	bbl.	.70	- .96
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.09
Rosecrans	bbl.	.84	- 1.66
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.42
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.76	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.06
Wheeler Ridge	bbl.	.70	- .82
Whittier	bbl.	.76	- .96
Canada:—			
Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —
Central West:—			
Illinois	bbl.	1.23	- —
Lima	bbl.	1.25	- —
Midland (Mich.)	bbl.	.90	- —
Princeton	bbl.	1.18	- —
East Texas	bbl.	1.15	- —
Gulf Coast:—			
Barber's Hill	bbl.	.92	- 1.20
Batson	bbl.	.92	- 1.22
Conroe	bbl.	1.24	- 1.64
Daytan	bbl.	.92	- 1.22
Evangeline	bbl.	.92	- 1.22
Goose Creek	bbl.	.92	- 1.22
High Island	bbl.	.92	- 1.22
Hull	bbl.	.92	- 1.22
Humble	bbl.	.92	- 1.22
Liberty	bbl.	.92	- 1.22
Markham	bbl.	.92	- 1.22
Orange	bbl.	.92	- 1.22
Pettus	bbl.	1.26	- —
Pierce Junction	bbl.	.92	- 1.22
Port Lavaca	bbl.	.80	- —
Refugio, heavy	bbl.	.90	- —
light	bbl.	.92	- 1.22
Saratoga	bbl.	.92	- 1.22
Sour Lake	bbl.	.92	- 1.22
Spindle Top	bbl.	.92	- 1.22
Sugarland	bbl.	.92	- 1.22
Terry	bbl.	.92	- 1.22
West Columbia	bbl.	.80	- 1.20
Kentucky, Tennessee:—			
Oil City, in Stoll lines	bbl.	.100	- —
Somerset	bbl.	1.35	- 1.36
Western Kentucky, all gravities	bbl.	1.22	- —
Louisiana, Arkansas:—			
Bosco	bbl.	1.03	- —
Bull Bayou	bbl.	.71	- 1.06
Caddo	bbl.	.78	- 1.10
Cameron Meadows	bbl.	.83	- 1.13
Cotton Valley	bbl.	.78	- 1.10
De Soto	bbl.	.78	- 1.10
El Dorado	bbl.	.78	- 1.10
Haynesville	bbl.	.78	- 1.10
Homer	bbl.	.78	- 1.10
Iowa	bbl.	.72	- 1.06
Lockport	bbl.	.92	- 1.22
Miller County	bbl.	.78	- 1.10
Nevada	bbl.	.85	- —
Pine Island	bbl.	.84	- 1.06
Rodessa	bbl.	.78	- 1.10
Smackover	bbl.	.78	- .96
Urania	bbl.	.97	- —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.00	- —
Tax, 12.365c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 20.261c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.90	- —
North Texas	bbl.	.84	- 1.13
Oklahoma-Kansas	bbl.	.84	- 1.10
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.42	- —
Pennsylvania grade, in Buckeye lines	bbl.	1.97	- —
Eureka lines	bbl.	2.12	- —
N.W., Penn lines	bbl.	2.17	- —
lower district in National Transit lines	bbl.	2.27	- 2.42

Petroleum, crude, bulk, at wells, Rocky Mountain:—			
Big Muddy	bbl.	1.11	- —
Cat Creek	bbl.	1.07	- —
Elk Basin	bbl.	1.28	- —
Frannie, heavy	bbl.	.78	- —
light	bbl.	.76	- —
Grass Creek, heavy	bbl.	.72	- —
light	bbl.	1.28	- —
Greybull	bbl.	1.26	- —
Lance Creek	bbl.	.75	- —
Pondera	bbl.	1.05	- —
Rock Creek	bbl.	1.12	- —
Salt Creek	bbl.	.94	- 1.13
Sunburst	bbl.	1.28	- —
South, Central and Southwestern Texas:—			
Cass County	bbl.	.86	- 1.10
Darst Creek	bbl.	.97	- 1.03
Luling	bbl.	.99	- —
Lytton Springs	bbl.	1.00	- —
Mirando	bbl.	.85	- —
Panola County	bbl.	.94	- 1.06
Salt Flat	bbl.	1.02	- —
Sarco	bbl.	.99	- —
Tomball	bbl.	1.20	- —
Van	bbl.	.79	- 1.06
Texas Panhandle:—			
Carson-Hutchinson counties	bbl.	.91	- .96
Gray County	bbl.	.96	- .96
West Texas:—			
Artesia, N. M.	bbl.	.75	- —
Crane	bbl.	.75	- .90
Crockett	bbl.	.75	- .90
Ector	bbl.	.75	- .90
Glasscock	bbl.	.75	- .90
Hobbs, N. M.	bbl.	.85	- —
Hogback	bbl.	1.21	- —
Howard	bbl.	.75	- .90
Jackson, N. M.	bbl.	.75	- —
Lea, N. M.	bbl.	.75	- .90
Maljamar, N. M.	bbl.	.75	- —
Mitchell	bbl.	.90	- —
Pecos	bbl.	.75	- .90
Upton	bbl.	.75	- .90
Winkler	bbl.	.85	- —
Ether, 30-60°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.17	- —
tanks, G.S.	gal.	.13	- —
36-60°, dms., l.c.l., G.S.	gal.	.25	- —
49-75°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.16	- —
tanks, G.S.	gal.	.13	- —
laboratory grade, dms., c.l., G.S.	gal.	.19	- —
l.c.l., G.S.	gal.	.25	- —
10-gal. lots, G.S.	gal.	.20	- —
Lacquer, diluent, at refinery:—			
California, 49-51, 257 l.b.p., 365 e.p., tanks	gal.	.13	- —
58-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles	gal.	.13½-	—
San Francisco	gal.	.14	- —
f.o.b. Richmond	gal.	.14	- —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.14½-	—
61-63, 149 l.b.p., 275 e.p., tanks	gal.	.15	- —
East Coast, tanks	gal.	.12	- .13½
drums	gal.	.19	- —
Group 3, tanks	gal.	.09½-	.09½
Naphtha, cleaners, at refinery:—			
East Coast, tanks	gal.	.09¼-	—
Group 3, tanks	gal.	.07¾-	.07¼
tankwagon, Boston, ex-tax, gal.		.13	- —
Chicago, inc. 3c. tax	gal.	.155	- —
Decatur, inc. 3c. tax	gal.	.185	- —
Des Moines, inc.3c.tax	gal.	.183	- —
Milwaukee, inc. 4c. tax.	gal.	.196	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.189	- —
Newark, ex tax	gal.	.121	- —
New York, ex tax	gal.	.111	- —
Omaha, ex tax	gal.	.194	- .204
Philadelphia, ex tax	gal.	.13	- —
St. Louis, ex tax	gal.	.162	- —
Solvent, rubber, at refinery:—			
California, 60.2-63.5, 167 l.b.p., 260 e.p., tanks, inc. tax	gal.	.14	- —
62.3, 164 l.b.p., 293 e.p., tanks, inc. tax	gal.	.14	- —
East Coast, tanks	gal.	.09½-	—
Group 3, light, 120 l.b.p., 250 e.p., tanks	gal.	.07¾-	.07¼
standard, 180 l.b.p., 288 e.p., tanks	gal.	.07¾-	.07¼
Stoddard (CS 3-26), at refinery):—			
East Coast, tanks	gal.	.09¼-	—
Group 3, tanks	gal.	.06¾-	.07
tankwagon, Boston, ex tax, gal.		.13½-	—
Chicago, inc. 3c. tax	gal.	.14	- —
Decatur, inc. 3c. tax	gal.	.17½-	—
Des Moines, inc.3c.tax	gal.	.173	- —
Milwaukee, inc. 4c.tax	gal.	.188	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.164	- —
Newark, ex tax	gal.	.10½-	—
New Orleans, ex tax	gal.	.11	- —
New York, ex tax	gal.	.10¼-	—
Omaha, ex tax	gal.	.14	- .15
Philadelphia, ex tax	gal.	.11¼-	—
St. Louis, ex tax	gal.	.135	- —

Petroleum, thinner, at refinery:—			
California, 56.5, 300 l.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.14	- —
Portland, Ore.	gal.	.15	- —
Richmond	gal.	.13½-	—
Seattle, Wash.	gal.	.15½-	—
43-46, 305 l.b.p., 419 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.12½-	—
Richmond	gal.	.12	- —
Southern Calif'nia	gal.	.11½-	—
45.4, 190 l.b.p., 360 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.18	- —
Portland, Ore.	gal.	.19	- —
Richmond	gal.	.17½-	—
Seattle, Wash.	gal.	.19½-	—
55, 200 l.b.p., 305 e.p., tanks, f.o.b. El Segundo	gal.	.12½-	—
Portland, Ore.	gal.	.14½-	—
Richmond	gal.	.14	- —
Seattle, Wash.	gal.	.14½-	—
East Coast, 43-47, tanks	gal.	.09	- —
47-49, tanks	gal.	.09	- —
Group 3, tanks	gal.	.06¾-	.06½
Pennsylvania, tanks	gal.	.08¾-	—
tankwagon, tax included:—			
Albany	gal.	.135	- —
Baltimore	gal.	.12	- .15
Bingham, N. Y.	gal.	.14	- .16
Boston, 20,000 gals.	gal.	.12	- —
smaller lots	gal.	.13	- —
Bridgeport, Conn.	gal.	.13	- —
Buffalo	gal.	.14	- —
Camden, N. J.	gal.	.115	- .135
Chicago	gal.	.162	- —
Decatur, Ill.	gal.	.175	- —
Des Moines	gal.	.173	- —
Milwaukee	gal.	.188	- —
Minneapolis-St. Paul	gal.	.179	- —
Newark	gal.	.10½-	—
New York	lb.	.10½-	—
Omaha	gal.	.15½-	.16½
Philadelphia	gal.	.115	- .135
Pittsburgh	gal.	.12	- .14
Providence, 20,000 gals.	gal.	.12	- —
smaller lots	gal.	.13	- —
Rochester	gal.	.12	- .16
St. Louis	gal.	.142	- —
Syracuse	gal.	.14	- —
Trenton	gal.	.11¾-	.13¼
Wilmington	gal.	.15	- —
contracts, 1,000 gals.	gal.	.13	- —
Phenobarbital, bots.	lb.	4.50	- 4.85
Phenol, USP, dms., c.l. works, frt. equald	lb.	.14½-	—
l.c.l., same basis	lb.	.15	- —
tins, c.l., same basis	lb.	.15¼-	—
l.c.l., same basis	lb.	.16	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.65	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.67	- —
yellow, bbls.	lb.	.60	- —
Phenyl chloride, dms.	lb.	.16	- —
Phenylacetaldehyde, bots.	lb.	4.85	- 8.26
Phenylhydrazin hydrochloride, CP, bots., works	lb.	3.30	- 5.10
commercial, kgs., works	lb.	2.30	- 3.50
pure, bots., works	lb.	2.95	- 3.25
Phloroglucinol, CP, tins, works	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines	long ton.	4.25	- —
land pebble, 68% min., bulk, mines	long ton.	1.85	- —
70% min., bulk, mines	long ton.	2.35	- —
72% min., bulk, mines	long ton.	2.85	- —
75% basis, 74% min., bulk mines	long ton.	3.85	- —
Tenn., 72%, bulk, mines	long ton.	4.30	- —
75%, bulk, mines	long ton.	5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.23	- .37½
Oxychloride, cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.38	- .42
Trichloride, cyls.	lb.	.16	- .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½-	—
l.c.l., same basis	lb.	.15½-	—
Pichi leaves, bgs.	lb.	.08	- .10
Pilocarpine hydrochloride, bots., vls.	oz.	2.50	- 2.75
Nitrate, bots., vls.	oz.	2.40	- 2.65
Pimento, bgs.	lb.	.13½-	.13⅝
Pinkroot, bls.	lb.	.34	- .35
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
Hardwood, 1-time, dms., c.l., dlvd. Akron	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms.	lb.	.04¼-	.06
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.00	- 4.50
Stearin, dms.	lb.	.03	- .04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.12	- .13
Podophyllin, cns.	lb.	2.00	- 2.35
Poke root, bls.	lb.	.06½-	.07
Pomegranate bark, bgs.	lb.	.18	- .19
Root bark, bgs.	lb.	.40	- .41
Poppy flowers, red, bls.	lb.	.35	- .40
Seed, Dutch, bgs.	lb.	.0590-	.0625
Hungarian, bgs.	lb.	.0640-	.0670
Polish, bgs.	lb.	.05¾-	.06¼
Potash acetate, USP, bbls.,kgs.	lb.	.26	- .28
50% sol., bbls.	lb.	.08½-	.09
Bicarbonate, USP, cryst., bbls.	lb.	.09	- .13
gran., bbls.	lb.	.10	- .13
Bichromate, bbls.	lb.	.08½-	.09
Binoxalate, dms.	lb.	.28	- —
Bisulphate, kgs.	lb.	.15½-	.18
Bromide, bbls.	lb.	.31	- .32
Carbonate, calc., 99-100%, cks.	lb.	.08½-	.09
96-98%, cks., c.l., Bost., Balto. arrival	lb.	.06¾-	—
l.c.l., 5 or over, same basis	lb.	.07¼-	—
N. Y. arrival	lb.	.07¼-	—
N. Y. stocks	lb.	.07¾-	—
less than 5, Bost., Balto. arrival	lb.	.07¼-	—
N. Y. arrival	lb.	.07¾-	—
N. Y. stocks	lb.	.07¾-	—
80-85%, cks.	lb.	.07¼-	.07½
hydrated, 88-85%, bbls., c.l., works	lb.	.06	- —
l.c.l., 10 or over	lb.	.06¼-	—
1-9	lb.	.06¾-	—
liquid, dms., dlvd.	lb.	.03½-	.05¾
USP, gran., bbls.	lb.	.16	- —
powd., bbls.	lb.	.19	- —
Caustic, flake, 88-92%, dom., dms., c.l., works	lb.	.07	- —
l.c.l.	lb.	.07¼-	.07¾
import., dms.	lb.	.07	- .07¾
liquid, 45% basis, dms.	lb.	.03½-	.06¼
tanks	lb.	.02¾-	—
solid, 88-92%, dom., dms., c.l., works	lb.	.06¼-	—
l.c.l.	lb.	.06¼-	.06¾
import., cakes	lb.	.06¼-	.06¾
Chlorate cryst., kgs.	lb.	.09¼-	.09½
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.05½-	.06¾
Chloride, tech., 98%, cryst., bbls.	lb.	.04	- .04½
Chromate, kgs.	lb.	.32	- .34

Paris green—Quinine-urea

Potash citrate, USP, gran., bbls., 250 lbs.	lb.	.37	- —
kgs., 100 lbs.	lb.	.38	- —
cns., 50 lbs.	lb.	.39	- —
cns., 25 lbs.	lb.	.41	- .42
Cyanide, cns., dms.	lb.	.55	- .60
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.35	- 1.80
Guaiacolsulphonate, cns.	lb.	1.65	- 1.70
Hydroxide, USP, sticks, cns.	lb.	.36	- .37
Hypophosphite, cns.	lb.	.72	- .77
Iodate, bbls.	lb.	3.20	- 3.25
Iodide, bbls., 5lb. dms.	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, shipt.	unit-ton.	.65	- —
Manure salt, dom., 27-31%, bulk, c.i.f. ports	unit-ton.	.48	- —
run of mine, approx. 30% K_2O, bulk, c.i.f. ports	unit-ton.	.46	- —
import., 50% K_2O, bulk, shipt.	unit-ton.	.48	- —
Potash, metabisulphite, kgs.	lb.	.13½-	—
Muriate, dom., all strengths, min. 50% K_2O, bulk	unit-ton.	.45	- —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports	unit-ton.	.45	- —
Potash muriate prices in bags are $2 ton higher than bulk price.			
Nitrate, crude, 95%, for fert. use, bulk, bgs., c.i.f. ports	ton.	45.00	-46.00
Oxalate, pure, cryst., kgs.	lb.	.30	- .31
tech., bbls.	lb.	.28	- .29
Perchlorate, kgs., works	lb.	.09	- .11
Permanganate, tech., dms.	lb.	.13½-	.19
USP, dms.	lb.	.13½-	.19
Prussiate, red, bbls.	lb.	.35	- .37
Yellow, bbls.	lb.	.15	- .19
Sulphate, NF, bbls.	lb.	.13	- .14
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports	ton.	33.75	- —
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.18	- —
l.c.l.	lb.	.12½-	—
Potash-magnesia sulphate, 42-53%, min. 48%, bgs., shipt.	ton.	22.20	- —
Potash-titanium oxalate, kgs.	lb.	.33	- .35
Prickly ash bark, bls.	lb.	.13	- .14
Berries, bls.	lb.	.15	- .16
Prince's pine herb, bls.	lb.	.17½-	.18
Propane, tanks, G.S.	gal.	.01½-	.04½
cyls., 100 lbs., G.S.	gal.	.40	- —
Psyllium seed (see Flea seed).			
Pulsatilla, bls.	lb.	.15	- .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works	lb.	.03	- —
less than 3, works	lb.	.03½-	—
F and 1, bbls., 3 or over, works	lb.	.03½-	—
less than 3, works	lb.	.04	- —
0, 0½, 0¾, and ⅞, bbls., 0, 0-½, 0-¾, and ⅞, bbls., 3 or over, works	lb.	.04	- —
less than 3, works	lb.	.04½-	—
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y.	ton.	33.00	- —
l.c.l., 5-20 tons, ex whse.	ton.	35.00	- —
1,000-10,000 lbs., ex whse.	ton.	29.00	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00	- —
single bgs., ex whse.	ton.	46.00	- —
Pumpkin seed, bgs.	lb.	.09¼-	.12
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.00	- —
linseed oil, raw, dms.	100 lbs.	4.75	- —
refined, dms.	100 lbs.	5.25	- —
standard, dms.	100 lbs.	3.75	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	4.25	- 4.60
standard make	gal.	4.25	- 4.60
outside brands	gal.	3.75	- —
basis 3.6% pyrethrins, dms. (incl.). frt. alld. E. of Rockies, standard brand.	gal.	6.25	- 6.60
Pyrethrum flowers, Japan, 1935 crop, bls. 15 tons or over, ex whse. N. Y.	lb.	.0740-	—
afloat	lb.	.0740-	—
1936 crop, basis 0.90% pyrethrins (Gnadinger test), bls. 15 tons or over, c.i.f. N.Y., July-Dec.	lb.	.0715-	—
coarse, grnd. (g.f.p.), Japan, bgs., 15 tons or over	lb.	.11½-	—
fine powd., Dalmat., bbls., kgs.	lb.	.16	- .17
Japan, bbls., 5 tons	lb.	.14	- —
Pyridin, denaturing, dms.	gal.	1.30	- —
refd., 2°, dms.	lb.	.40	- —
Pyrites, Spanish, bulk, c.i.f. Atl. ports	unit-ton.	.19	- .13
Pyrocatechin, CP, cryst., works, fib. dms., tins	lb.	2.15	- 2.40
resublimed, fib. dms., tins	lb.	4.60	- —

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 35% tan., bbls., works	lb.	.03½-	—
tanks, works	lb.	.02¾-	—
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.03¾-	—
clarified, 64%, bgs., c.l., same basis	lb.	.03¾-	—
Queen of the meadow, bgs.	lb.	.06	- .07
Root, bgs.	lb.	.06	- .07
Quercitron, extract, liquid, 51°, bbls.	lb.	.08	- .12
solid, dms.	lb.	.10	- .12
Quicksilver, dom., flasks (76 lbs. net), dlvd. N. Y.	flask.	75.50	-76.50
Quince seed, bgs.	lb.	.45	- 1.25
Quinidine, cryst., cns.	oz.	.96	- .96
Sulphate, cns.	oz.	.97	- —
Quinine, cns.	oz.	.72	- —
Acetate, cns.	oz.	.66	- —
Arsenate, cns.	oz.	.60	- —
Arsenite, cns.	oz.	.96	- —
Bisulphate, cns.	oz.	.51	- —
Citrate, cns.	oz.	.62	- —
Dihydrobromide, bots.	oz.	.72	- —
Dihydrochloride, bots.	oz.	.72	- —
Ethylcarbonate, cns.	oz.	.67	- —
Ferrocyanide, cns.	oz.	.90	- —
Formate, cns.	oz.	.91	- —
Glycerophosphate, cns.	oz.	1.11	- —
Hydrochloride, cns.	oz.	.65	- —
Hydrochlorosulphate, cns.	oz.	.72	- —
Hydroiodide, cns.	oz.	.96	- —
Hypophosphite, cns.	oz.	.90	- —
Phosphate, cns.	oz.	.80	- —
Salicylate, cns.	oz.	.70	- —
Sulphate, cns.	oz.	.51	- —
Sulphocarbolate, cns.	oz.	.94	- —
Tannate, cns.	oz.	.94	- —
Tartrate, cns.	oz.	.94	- —
Valerate, cns.	oz.	.97	- —
Quinine-urea hydrochloride, cns.	oz.	.73	- —

R salt—Schaeffer's salt

R

R salt, bbls.	lb.	.52 -	.57
Rapeseed, Belgian, bgs.	lb.	.04½-	.05
Dutch, bgs.	lb.	.05½-	.05¾
Japanese, bgs.	lb.	.04½-	.04¾
Raspberries, dried, bbls.	lb.	.40 -	.45
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10 -	—
Alizarin lake prices are 1c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 3c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.			
Amaranth (see Red, maroon lake).			
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld.	lb.	.80 -	—
smaller lots, same basis.	lb.	.85 -	—
kgs., ton lots, same basis.	lb.	.85 -	—
smaller lots, same basis.	lb.	.90 -	—
light shade, bbls., ton lots, same basis.	lb.	.65 -	—
smaller lots, same basis.	lb.	.70 -	—
kgs., ton lots, same basis.	lb.	.70 -	—
smaller lots, same basis.	lb.	.75 -	—
Red, cadmium lithopones, light-medium shade, bbls., ton lots, same basis.	lb.	.70 -	—
smaller lots, same basis.	lb.	.75 -	—
kgs., ton lots, same basis.	lb.	.75 -	—
smaller lots, same basis.	lb.	.80 -	—
maroon shade, bbls., ton lots, same basis.	lb.	.90 -	—
smaller lots, same basis.	lb.	.95 -	—
kgs., ton lots, same basis.	lb.	.95 -	—
smaller lots, same basis.	lb.	1.00 -	—
medium shade, bbls., ton lots, same basis.	lb.	.75 -	—
smaller lots, same basis.	lb.	.80 -	—
kgs., ton lots, same basis.	lb.	.80 -	—
smaller lots, same basis.	lb.	.85 -	—
Selenide, bbls., c.l., works.	lb.	2.00 -	—
l.c.l., works.	lb.	2.50 -	—
Orange, bbls., c.l., works.	lb.	1.50 -	—
l.c.l., works.	lb.	1.75 -	—
Carmine 40, cns., 200 lbs.	lb.	4.00 -	—
100 lbs.	lb.	4.15 -	—
11 lbs.	lb.	4.40 -	—
Crocus martis (see Red, purple oxide).			
Eosin, kgs.	lb.	.65 -	—
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y.	lb.	.03½-	—
80%-85%, bbls., same basis.	lb.	.07 -	—
Iron oxide (see Red, oxide).			
Lake C toner, bbls., same basis alizarin lake, contracts.	lb.	1.25 -	—
open order.	lb.	1.30 -	—
Lithol toner, bbls., same basis alizarin lake, contracts.	lb.	.75 -	—
open order.	lb.	.80 -	—
Red, lithol-rubin toner, bbls., same basis alizarin lake.	lb.	1.65 -	—
Maroon lake, 25%, kgs., same basis alizarin lake, contracts,	lb.	.40 -	—
Oxide (see Red, purple oxide).			
Mercury oxide, tech., dom., bbls.,	lb.	1.10 -	—
Metallic, bbls., Pa., works.	lb.	.02 -	—
Orange, Persian (see O).			
Oxide, pure, bbls., c.l., works.	lb.	.06½-	—
l.c.l., works.	lb.	.09¼-	—
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.	lb.	.08¼-	—
80% copperas oxide, bbls., same basis.	lb.	.07¾-	—
Para toner, concent., kgs., same basis alizarin lake, contracts.	lb.	.75 -	—
open order.	lb.	.80 -	—
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04¾-	—
ex whse., Chicago, St. Louis.	lb.	.04¾-	—
San Fran., Los Ang., Portland, Seattle.	lb.	.05 -	—
Purple lake, kgs.	lb.	.60 -	1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis.	lb.	.06 -	—
Toner, kgs.	lb.	1.50 -	2.00
Rose lake, bbls.	lb.	.20 -	.30
Pink, bbls.	lb.	.15 -	.25
Scarlet ink toner, kgs., same basis alizarin lake.	lb.	.45 -	—
Lake, kgs., same basis alizarin lake.	lb.	.25 -	.35
Red, Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.	lb.	.03½-	—
f.o.b. St. Louis.	lb.	.03¾-	—
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila.	lb.	.03¾-	—
St. Louis.	lb.	.04 -	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.04½-	—
ex whse., Chgo., Cleve., Pgh.	lb.	.04¼-	—
2, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila.	lb.	.02¾-	—
f.o.b. St. Louis.	lb.	.03 -	—
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila.	lb.	.03 -	—
St. Louis.	lb.	.03¼-	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.03¾-	—
ex whse., Chgo., Cleve., Pgh.	lb.	.03½-	—
3 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila.	lb.	.0265-	—
f.o.b. St. Louis.	lb.	.0290-	—
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila.	lb.	.0290-	—
St. Louis.	lb.	.0315-	—
ex dock or ex whse., San Fran., Los Ang., Port., Seat.	lb.	.03¾-	—
ex whse., Chgo., Cleve., Pgh.	lb.	.0340-	—
Toluidin toner, kgs., same basis alizarin lake.	lb.	1.35 -	—
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis.	lb.	.25½-	—
2, bbls., same basis.	lb.	.30½-	—
3, bbls., same basis.	lb.	.23½-	—
4, bbls., same basis.	lb.	.23½-	—
5, bbls., same basis.	lb.	.24 -	—
6, bbls., same basis.	lb.	.24 -	—
7, bbls., same basis.	lb.	.24 -	—
8, bbls., same basis.	lb.	.22 -	—
9, bbls., same basis.	lb.	.21½-	—
10, bbls., same basis.	lb.	.18½-	—
Venetian, bbls., works.	lb.	.0190-	—
10%, bbls., works.	lb.	.0215-	—
12%, bbls., works.	lb.	.02¼-	—
20%, bbls., works.	lb.	.02½-	—
25%, bbls., works.	lb.	.02¾-	—
30%, bbls., works.	lb.	.03 -	—
35%, bbls., works.	lb.	.0330-	—
40%, bbls., works.	lb.	.03¾-	—
Vermilion, American, bbls., same basis alizarin lake.	lb.	.15 -	—
English quicksilver, bbls., 500-lbs.	lb.	1.50 -	—
smaller lots.	lb.	1.60 -	1.75
Red dyes are listed under Dyes.			
Red precipitate, bxs., fib. dms., kgs., 100-lbs.	lb.	1.44 -	—
Red saunders wood, ground, bbls.	lb.	.12 -	.17
Resorcinol, tech., ens., works.	lb.	.75 -	.80
USP, cryst., cns., kgs., works.	lb.	1.50 -	1.55
Rhatany root, bgs.	lb.	.09 -	.10
Rhodinol, bots.	lb.	5.75 -	9.00
Rhubarb, root, bbls., cs., kgs.	lb.	.30 -	.31
powd., bbls., kgs.	lb.	.34 -	.35
Rochelle salt, cryst., bbls.	lb.	.14 -	—
powd., bbls.	lb.	.13 -	—
Rose flowers, pale, bls.	lb.	.15 -	.16
Red, bls.	lb.	1.60 -	1.70
Water, triple.	djn.	4.75 -	5.00
Rosemary flowers, bls.	lb.	.35 -	.40
Leaves, bls.	lb.	.05 -	.05½
Rosin, gum, B, bbls., ex dock.	280 lbs.	4.65 -	—
D, bbls.	280 lbs.	5.25 -	—
E, bbls.	280 lbs.	5.25 -	—
F, bbls.	280 lbs.	5.50 -	—
G, bbls.	280 lbs.	5.55 -	—
H, bbls.	280 lbs.	5.55 -	—
I, bbls.	280 lbs.	5.60 -	—
K, bbls.	280 lbs.	5.65 -	—
M, bbls.	280 lbs.	5.65 -	—
N, bbls.	280 lbs.	5.75 -	—
W. G., bbls.	280 lbs.	5.75 -	—
W. W., bbls.	280 lbs.	5.80 -	—
X, bbls.	280 lbs.	5.85 -	—
Rosin, wood, F.F., bbls., spot.	280 lbs.	5.02 -	6.10
works	280 lbs.	4.30 -	—
I, bbls., spot.	280 lbs.	5.47 -	6.50
works	280 lbs.	4.45 -	—
M, bbls., spot.	280 lbs.	5.57 -	6.60
works	280 lbs.	4.55 -	—
N, bbls., spot.	280 lbs.	5.87 -	6.90
works	280 lbs.	4.95 -	—
Rottenstone, dom., bgs., c.l., f.o.b. mines.	ton.	25.00 -	—
l.c.l., ex whse.	ton.	50.00 -	—
import., lump, bbls.	lb.	.12 -	—
powd., bbls.	lb.	.06½-	.10
Rue, bls.	lb.	.31 -	.36

S

Sabadilla seed, powd., bbls.	lb.	.20 -	.21
Saccharin, cns., 1,000 lbs.	lb.	1.70 -	—
smaller lots.	lb.	1.75 -	1.90
Safflower, bls.	lb.	.33 -	.35
Saffron, Mexican, bls.	lb.	.50 -	.55
Spanish, tins.	lb.	11.25 -	11.50
Safrol, cns.	lb.	.07 -	—
dms.	lb.	.54 -	—
Sage leaves, Dalmat., fancy, bls.	lb.	.07 -	.07½
stemless, bls.	lb.	.06½-	.06½
Sago flour, bgs.	lb.	.03¾-	.06¾
Salicin, cns.	lb.	4.00 -	4.25
Salol, kgs.	lb.	.90 -	.95
Salt, reclaimed, bgs., c.l., dlvd., N. Y.	ton.	13.40 -	—
vacuum, common, fine, bgs., c.l., dlvd. N.Y.	ton.	14.05 -	14.50
l.c.l., dlvd. N.Y.	ton.	17.00 -	—
Saltcake, grd., dom., bbls., works.	ton.	19.00 -	22.00
bulk, works.	ton.	12.00 -	16.00
import, bulk, c.i.f.	ton.	12.00 -	13.50
Chrome (see Chrome cake).			
Saltpeter, crude (see Potash nitrate).			
dbl. redned, cryst., bbls., 25 to c.l.	100 lbs.	6.90 -	7.65
5-24	100 lbs.	7.00 -	7.75
1-4	100 lbs.	7.25 -	8.00
gran., bbls., 25 to c.l.	100 lbs.	5.90 -	—
5-24	100 lbs.	6.00 -	—
1-4	100 lbs.	6.25 -	—
powd., bbls., 25 to c.l.	100 lbs.	6.90 -	—
5-24	100 lbs.	7.00 -	—
1-4	100 lbs.	7.25 -	—
Santonin, cryst., cns.	lb.	43.00 -	45.00
Saponin, cns.	lb.	1.45 -	1.50
Sarsaparilla, root, Honduras, bls.	lb.	.45 -	.50
Mexican, bls.	lb.	.11 -	.12
Sassafras bark, ord., bls.	lb.	.11 -	.13
select, bls.	lb.	.19 -	.21
Savory, bls.	lb.	.07 -	.07½
Saw palmetto berries, bgs.	lb.	.18 -	.20
Scammony root, bgs.	lb.	.06 -	.07
Schaeffer's salt, bgs.	lb.	.46 -	.50

Just Published — SEND FOR IT!

TABLE OF CONTENTS
PART I
THE ECONOMIC ASPECTS OF LIQUID CAUSTIC SODA
Solid caustic vs. liquid caustic – Who can use liquid caustic? – 50% liquid caustic – 70% liquid caustic.
PART II
UNLOADING AND HANDLING LIQUID CAUSTIC SODA
Tank cars – Pipe lines – Unloading (a) by gravity, (b) by pumps, (c) by air pressure – Storage tanks and connections – Pumps.
PART III
PROPERTIES OF CAUSTIC SODA AND ITS AQUEOUS SOLUTIONS
Physical constants – Densities and caustic content of caustic solutions – How to dilute caustic solutions – Specific gravity and Baume, at different temperatures – Converting °C. to °F. – Heat of dilution – Solubility of caustic in water – Freezing points and boiling points of caustic solutions.
PART IV
SAMPLING AND ANALYSIS OF LIQUID CAUSTIC SODA
Recommended methods for accurate sampling
alysis of caustic liquors.
PART V
MATHIESON CHEMICALS
Package specifications on caustic sod
ieum Chemicals.
UNLOADING AND HANDLING
Tank Car
Cutting Costs with Liquid Caustic Soda

FREE TO PLANT EXECUTIVES AND TECHNICAL MEN

The Table of Contents page, reproduced above, gives an idea of how comprehensive is the data in this new 72-page handbook.

HERE'S a real handbook on liquid caustic soda, packed full of useful information for both present and potential consumers. Its 72-pages contain material of practical value to the entire plant organization — executives, buyers, chemists, operating men—based upon the wide experience of the Mathieson technical staff and upon data gathered from authoritative reference sources. Anyone interested in the use of liquid caustic soda may obtain this book without obligation by writing to us on his business letterhead.

Send today for your copy of "Cutting Costs with Liquid Caustic Soda."

The MATHIESON ALKALI WORKS (Inc.), 60 East 42nd St., New York, N. Y.

Seidlitz mixture, bbls.....lb. .11½- —
kegs .....lb. .11½- —
Senega root, bls.....lb. .35 - .36
Senna leaves, Alexandria, bls.lb. .09 - .15
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07½- .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .45 - .46
Shellac, bleached, bonedry, bbls., f.o.b. N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago .....lb. .20 - .21
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston .....lb. .27½- —
Chicago .....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. .....lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut, bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works.ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works.ton.21.00 - —
l.c.l., 2½ tons, works.ton.22.50 - —
smaller lots, works.ton.24.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.23.50 - —
smaller lots, works.ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34¾
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .30 - .32
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works.ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09½- .10
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .09½- .13
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12¾- .13¼
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.58 - —
4 .....100 lbs. 2.98 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works...100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
ll,ht, 55%, bgs., c.l., works. 100 lbs. 1.20 - 1.23
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls.,c.l.,works.100 lbs. 1.85 - —
l.c.l., dlvd. N.Y....100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y....100 lbs. 2.80 - —
Bichromate, cnks.....lb. .06½- .07
Bifluoride, bbls.....lb. .11¼- .12
Bisulphate (see Niter cake).

Soda bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, chys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated, soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro. process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09¼
Citrate, USP VIII, gran., bbls., 225 lbs..lb. .28 - —
cns., 50 lbs.....lb. .26 - —
25 lbs.....lb. .27 - .28
kgs., 100 lbs.....lb. .24 - —
USP X, gran., bbls., 250 lbs. lb. .29½- —
cns., 50 lbs.....lb. .31½- —
25 lbs.....lb. .32½- .34½
kgs., 100 lbs.....lb. .30½- —
powd., bbls., 250 lbs.....lb. .30 - —
cns., 50 lbs.....lb. .32 - —
25 lbs.....lb. .34 - .36
kgs., 100 lbs.....lb. .31 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .18 - .19
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large,bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 2.65
gran., bbls.....100 lbs. 2.75 - 3.10
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .43
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., dlvd.....100 lbs. 3.80 - 3.95
gran., bbls.,c.l.,works.100 lbs. 2.80 - —
l.c.l. dlvd.....100 lbs. 2.75 - 3.00
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.80 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100 lb.-bgs. June dlvy, fert. mfre. indust. buyers, ports..ton.26.50 - —
200 lb.-bgs., same basis.ton.25.80 - —
bulk, same basis.....ton.24.50 - —
rfd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .05½- —
Nitrite, 96-98%, dom., bbls., c.l. lb. .0710-.0735
l.c.l. .....lb. .0835-.1175
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.61 - —
l.c.l. .....100 lbs. 8.35 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. dlvd E....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs. c.l. dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —

Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.

Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts..lb. .11¾- —
prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11¾- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —

Soda silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .06¾- .08
import., bbls.....lb. .05¾- .06
Stannate, dms.....lb. .30 - .33
Stearate, lump, bbls., works..lb. .20 - —
powd., bbls., works.....lb. .23 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash,dms., works, frt. equald..gal. .26 - —
tanks, same basis.....gal. .31 - —
Water-white, dms.,works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .23 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .23 - .25
Spikenard root, bls.....lb. .08 - .09
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .15 - .16
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .08 Nom.
Starch, corn, pearl, bgs...100 lbs. 3.19 - 3.30
powd., bgs.....100 lbs. 3.29 - 3.40
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05¼
import, bgs.....lb. .05¾- .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .08¼- .08¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .07¼- .07½
Stillingia root, bls.....lb. .07 - .08
Stonecrot, bls.....lb. .06½- .07
Storax, cs.....lb. .25 - .26
Stramonium leaves, bls.....lb. .07 - .08
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .20 - .21
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .08¾- .09¾
import., cks.....lb. .09¾- .10½
Strophanthus seed, Kombe,bgs.lb. 1.50 - 1.75
Strychnine, cryst., cns.....oz. .63 - .67
powd., cns.....oz. .53 - .57
Acetate, cns.....oz. .76 - —
Arsenate, cns.....oz. .70 - —
Arsenite, cns.....oz. .76 - —
Glycerophosphate, cns.....oz. .76 - —
Hydrochloride, cns.....oz. .76 - —
Hypophosphite, cns.....oz. .86 - —
Nitrate, cns.....oz. .71 - —
Phosphate, cryst., cns.....oz. .76 - —
Sulphate, cryst., cns.....oz. .54 - .56
powd., cns.....oz. .44 - .46
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .60 - .80
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylimethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 6.25 - 6.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton.18.00 - —
less than 1,000 tons, mines, contracts..long ton.20.00 - —
c.l., spot, nearby.long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports. long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls. .....100 lbs. 3.35 - 4.10
rfd., broken, bgs.....100 lbs. 2.15 - 2.90
bbls. .....100 lbs. 2.30 - 3.05
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls. .....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.95
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls. .....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.25 - 3.00
bbls. .....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls. .....100 lbs. 2.50 - 3.25
Sulphur chloride, dms., works..lb. .03¼- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., whs. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.50 - 3.85
Sumac, Sicilian, grd., bgs....ton.52.00 Nom.
Extract, 42°, bbls.....lb. .04½- .06¼
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08¼- .09¼
Leaf, Sicilian, bls.....ton.57.00 Nom.
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .07
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 6.25 Nom.
run-of-pile, basis 16%, bulk, same basis..ton. 7.75 Nom.
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .75 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94% 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import, Canad., bgs., c.l., dlvd. ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.28.00 -35.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.75.00 -77.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.70.00 -72.00
ex whse.....ton.75.00 - —
Tallow, animal, edible, bbls...lb. .06½ Nom.
extra, loose, works.....lb. .04½- —
special, loose, works.....lb. .04 - —
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - —
l.c.l.....lb. .06½- —
50% (43% fat), dms., c.l..lb. .06¼- —
l.c.l.....lb. .07 - —
80% (49% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07¼- —
Tamarinds, W. I., bbls.....lb. .06 - .07
kegs .....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk....unit-ton. 2.65 & .10
ungr.,10-15% bulk.unit-ton. 2.40 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.40 & .10
high-grade, feeding, 11-12%, bulk, Chicago..unit-ton. 2.75&.10
import., S. Amer., bulk, c.i.f. ports, June shipt..unit-ton. 2.75 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¼- .03½
Tar, pine, retort, bbls.,dlvd. ports gal. .26 - —
dms., c.l.,dlvd. E. cities.gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .30 - .30¼
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .06 - .06¼
Tetrachloroethylene, CP, dms.lb. .25 - .28
tech., dms.....lb. .10 - .16½
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11 - .12
Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.85
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Tin, crystals, bbls., kegs.....lb. .35 - .35½
Metal, Straits.....lb. .45¼- .45½
Oxide, bbls.....lb. .51 - .52
Tetrachloride, anhyd., bbls..lb. .23 - —
Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal.lb. .17 - —
l.c.l., 5 tons, E., dlvd....lb. .17½- —
Pac. cst., ex whse....lb. .17½- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
200 lbs., E., dlvd.....lb. .18½- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17½- —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
200 lbs., E., dlvd.....lb. .18¾- —
Pigment, barium base, bgs., c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd....lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
400 lbs., E., dlvd.....lb. .06½- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd..lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
400 lbs., E., dlvd.....lb. .06½- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .96 - —
Triamylamine, dms., l.c.l.,works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .080 - —
W. of Rockies.....lb. .090 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .44¼- —
dms., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .34½- —
tech., 1, cns., dlvd.....lb. .23 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .21 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —

Triethanolamine—Xylidin

Triethanolamine, dms., works	lb.	.26	- .30
Triphenyl phosphate, dms.	lb.	.27	- .29
Triphenylguanidin, dms.	lb.	.58	- .60
Tripoli, air-floated, bgs., c.l., works	ton.	27.50	- —
l.c.l., ex whse. N.Y.	ton.	40.00	- —
1 ton, works	ton.	50.00	- —
1 bg., works	bag.	4.00	- —
double-grd., bgs., c.l., works	ton.	18.00	- —
l.c.l., 1 ton, works	ton.	23.50	- —
1 bg., works	bag.	3.50	- —
once-grd., bgs., c.l., works	ton.	16.00	- —
l.c.l., 1 ton, works	ton.	20.00	- —
1 bg., works	bag.	3.00	- —
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten metal powd., 98% dms.	lb.	1.80	- 1.90
Oxide, CP, kgs.	lb.	2.65	- 2.75
tech., kgs.	lb.	1.65	- 1.75
Turmeric root, Alleppy, bgs.	lb.	.06¼	- .07
Madras, bgs.	lb.	.06	- .06¼
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.40½	- —
l.c.l., 10, ex dock	gal.	.42½	- —
5, ex dock	gal.	.44½	- —
wood, dest.-dist., dms., c.l., divd. E. ports	gal.	.39	- —
l.c.l., same basis	gal.	.41	- —
tanks, divd. E. cities	gal.	.33	- —
steam-dist., dms., c.l., divd.	gal.	.36	- —
l.c.l., divd.	gal.	.41	- —
tanks, divd.	gal.	.33	- —

U

Unicorn root, false (see Helonias root). True (see Aletris root).			
Uranium oxide, kgs.	lb.	1.50	- —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis	100 lbs.	6.00	- —
pure, cs.	lb.	.14½	- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports.	unit-ton.	.95	- —
Uva ursi leaves, bls.	lb.	.06	- .07

V

Valerian root, USP, bls.	lb.	.11	- .12
Valonia, beards, bgs., shipt.	ton.	64.50	- —
Cups, bgs., shipt.	ton.	No price	
Vanilla beans, Bourbon, tins.	lb.	3.00	- 3.25
Mexican, tins.	lb.	3.00	- 4.00
cut, tins.	lb.	2.75	- 3.00
South American, tins.	lb.	2.75	- 3.00
Vanillin, ex eugenol, tins, 100 lbs.	lb.	3.75	- —
less than 100 lbs.	lb.	3.85	- 4.35
ex guaiacol, tins, 100 lbs.	lb.	3.65	- —
less than 100 lbs.	lb.	3.75	- 4.25
Venice turpentine, true, cs.	lb.	.47	- .48
Verdigris, kgs., lots of 5	lb.	.20	- —
less than 5	lb.	.21	- —
Violet, methyl, toner (see M).			
V.M.P., naphthas (see petroleum naphtha, v.m.p.).			

W

Wahoo bark, root, bls.	lb.	.46	- .47
Tree, bls.	lb.	.19	- .20
Wattle bark, bgs., shipt.	ton.	27.00	-29.00
Extract, 60°, bbls.	lb.	.03¾	- —
Wax, bayberry, import., bgs.	lb.	.17½	- .20
Bees, white, bleach., slabs., cs. 500 lbs.	lb.	.36	- .38
yellow, crude, Africa, bgs., lots of 10	lb.	.25	- .29
1 bg.	lb.	.35½	- .36½
Brazil, Chile, bgs., 5-10 tons.	lb.	.36	- .36½
1 ton.	lb.	.36½	- .37
500 lbs.	lb.	.37	- .37½
100 lbs.	lb.	.37½	- .38
refd., slabs, cs., 500 lbs.	lb.	.28	- .30
Wax, Candelilla, bgs., 1 ton.	lb.	.15½	- .16
jobbing lots.	lb.	.16	- .16½
Carnauba, chalky 3, bgs., 1 ton.	lb.	.34½	- .35
5 bgs.	lb.	.35	- .35½
1 bg.	lb.	.35½	- .36
N.C. 2, bgs.	lb.	.40	- .41
Wax, carnauba, N.C. 3, bags, 1 ton	lb.	.34½	- .35
5 bgs.	lb.	.35	- .35½
1 bg.	lb.	.36	- .36½
refd., bgs.	lb.	.39	- .40
yellow, 1, bgs., 1 ton	lb.	.44	- .44½
5 bgs.	lb.	.44½	- .45
1 bg.	lb.	.45	- .45½
yellow 2, bgs.	lb.	.43	- .44
Ceresin, dom., 138°-140° m.p. bgs, 1 ton.	lb.	.08	- —
jobbing lots.	lb.	.09	- —
150°-160° m.p. bgs., 1 ton.	lb.	.09	- —
jobbing lots.	lb.	.10	- —
160°- m.p. bgs., 1 ton.	lb.	.10	- —
jobbing lots.	lb.	.11	- —
import., pure, snow-white, 176° m.p. bgs., 1 ton.	lb.	.42	- —
1,000 lbs.	lb.	.44	- —
500 lbs.	lb.	.45	- —
156° m.p., bgs., 1 ton.	lb.	.44	- —
1,000 lbs.	lb.	.45	- —
500 lbs.	lb.	.46	- —
yellow, natural, 176° m.p. bgs., 1 ton.	lb.	.36	- —
1,000 lbs.	lb.	.37	- —
500 lbs.	lb.	.38	- —
Japan, cs.	lb.	.06¼	- .06¾
Montan, bgs., c.l.	lb.	.10¾	- .11¼
5 tons	lb.	.11	- .11½
less than 1 ton	lb.	.11¼	- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs.	lb.	.82	Nom.
70°-72° C., bgs.	lb.	.95	Nom.
74°-76° C., bgs.	lb.	.98	Nom.
Paraffin (see P).			
Spermaceti, blocks, cs.	lb.	.22	- .24
cakes, cs.	lb.	.33	- .35
White lead (see Lead, white).			
White pine bark, rossed, bls.	lb.	.05	- .06
White precipitate, bbls., bxs., fib. dms.	lb.	1.46	- —
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works	ton.	12.00	- —
l.c.l., works	ton.	14.00	- —
bbls., c.l., works	ton.	15.00	-16.50
l.c.l., works	ton.	17.00	- —
pap. bgs., c.l., works	ton.	11.20	-12.50
l.c.l., works	ton.	13.20	-14.50
wet-grd., bgs., c.l., works.	ton.	14.50	-15.00
l.c.l., works	ton.	15.00	-19.00
bbls., c.l., works	ton.	17.00	-18.00
l.c.l., works	ton.	18.50	-20.00
gilder's, bolted, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
bbls., c.l., works	ton.	12.00	-19.50
l.c.l., works	ton.	19.00	-20.00
pap. bgs., c.l., works	ton.	14.60	-15.50
l.c.l., works	ton.	15.60	-16.50
extra bolted, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
bbls., c.l., works	ton.	18.00	-22.50
l.c.l., works	ton.	19.00	-23.00
pap. bgs., c.l., works	ton.	14.60	-17.50
l.c.l., works	ton.	15.60	-18.50
Paris white, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
bbls., c.l., works	ton.	18.00	-24.00
l.c.l., works	ton.	19.00	-25.00
pap. bgs., c.l., works	ton.	14.60	-20.00
l.c.l., works	ton.	15.60	-21.50
English cliffstone (see Whiting, chalk, Paris white).			
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $3 per ton	ton.	10.00	- —
99.75% 200 mesh, bgs., c.l., same basis	ton.	9.00	- —
95-98% 200 mesh, c.l., same basis	ton.	7.50	- —
40-98% 200 mesh, c.l., same basis	ton.	6.50	- —
gilders, bgs. (extra), c.l., works	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
extra, bgs. (extra), c.l., works	ton.	12.50	- —
l.c.l., 8-20 tons, works	ton.	13.50	- —
4-8 tons, works	ton.	14.50	- —
2-4 tons, works	ton.	15.50	- —
putty grade, bgs. (extra), c.l., works	ton.	11.00	- —
l.c.l., 8-20 tons, works	ton.	12.00	- —
4-8 tons, works	ton.	13.00	- —
2-4 tons, works	ton.	14.00	- —
water-floated, bgs. (extra), c.l., works	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
precipitated, bgs., c.l., works.	ton.	15.00	- —
l.c.l., 5 tons, works	ton.	20.00	- —
smaller lots, works	ton.	25.00	- —
Wild cherry bark, thick, natural, bls.	lb.	.04½	- .05
rossed, bls.	lb.	.06½	- .07
thin, natural, bls.	lb.	.05	- .05¼
rossed, green, bls.	lb.	.08	- .08¾
Wild indigo root, bgs.	lb.	.09	- .10
Witch-hazel extract, dist., NF, bbls.	gal.	.55	- .65
Leaves, bls.	lb.	.07	- .08
Witherite (see Barium carbonate, natural).			
Woodflour, dom., fine, bgs., c.l., works	ton.	24.00	-30.00
standard, bgs., c.l., works	ton.	18.00	-24.00
import, 40-70 mesh, bgs., ex dock	ton.	20.00	- —
80-100 mesh, bgs., ex dock	ton.	25.50	- —
120 mesh, bgs., ex dock	ton.	31.00	- —
Wormseed, American, bgs.	lb.	.06	- .07
Levant, bgs.	lb.	3.50	- 4.00
Wormwood, bls.	lb.	.09	- .10

X

Xylol (xylene), coml., dms., works	gal.	.35	- —
tanks, E. of Omaha, frt. alld.	gal.	.30	- —
W. of Omaha, works	gal.	.29	- —
nitration, dms., works	gal.	.48	- —
tanks, E. of Omaha, frt. alld.	gal.	.41	- —
W. of Omaha, works	gal.	.41	- —
5°, dms., works	gal.	.41	- —
tanks, E. of Omaha, frt. alld.	gal.	.36	- —
W. of Omaha, works	gal.	.36	- —
10°, dms., works	gal.	.38	- —
tanks, E. of Omaha, frt. alld.	gal.	.33	- —
W. of Omaha, works	gal.	.33	- —
Xylidin, mixed, dms.	lb.	.36	- .37

PARAMET
4 Square Control
ALKYD RESIN
PRODUCED BY NEW AND IMPROVED PATENTED PROCESSES
ESTEROL B
A pure alkyd resin, permitting the varnish manufacturer great latitude in using it as such, or in blending with varnishes, oils or resins. It has good color retention both upon baking or air drying; it has compatibility with all solvents, including petroleum solvents, and gives excellent durability for outside use.
USES—Automotive parts, buses, signs, pumps, paper-coatings, railway equipment, etc.
ESTEROL D
An alkyd resin, wood oil modified, having great flexibility, excellent durability and improved water resistance; it is miscible with all solvents, including petroleum solvents.
USES—Particularly recommended for air drying finishes, in industrial work, automobile finishes, clear as well as pigmented enamels, buses, gasoline pumps, freight-car paints, paper-coatings, etc.
ESTEROL 562
An alkyd resin, phenol modified, with very quick air drying as well as quick drying at low temperature bakes. It gives a very durable film, with exceptionally quick drying properties, with good water- and alkali-resistance.
USES—Particularly recommended for primers, undercoats and tinted enamels, etc.
ESTEROL H-1
A pure alkyd resin, made especially for white enamels where a high temperature bake is necessary. In refrigerator enamels it will impart to the finish a hard porcelain-like appearance, good lustre, with no color change.
ARE YOU GETTING YOUR COPY OF RESIN NEWS REGULARLY?
PARAMET PRODUCTS
"Only time will tell"
STROOCK & WITTENBERG CORP.
17 BATTERY PLACE, NEW YORK CITY.

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, orange, bbls.,works. lb. 1.00 - 1.10
Yellow, bbls., works.....lb. .90 - —
Chrome CP, bbls., dlvd. N of Tenn. and N.C., E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St.Paul, contracts..lb. .11 - —
open order.....lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0196- —
E, bbls., works.....lb. .01778- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¾- —
H, bbls., works.....lb. .01¼- —
French, light shades, cks.,c.l., ex car L. Angeles..lb. .08775- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .03¼- —
Port., S. Francisco, S. Pedro, Seattle.lb. .0345- —
ex whse. L. Angeles, Port., S. Francisco, Seattle..lb. .039 - —
f.o.b. N.Y.....lb. .03 - —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .03¼- —
from whse.....lb. .03½- —
ex car L. Angeles...lb. .03925- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .03¼- —
N. Y.....lb. .03¼- —
Port., S. Francisco, S. Pedro, Seattle.lb. .038 - —
ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .04 - —
L. Angeles, Port., S. Francisco, Seattle.lb. .0405- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .04½- —
N. Y.....lb. .03¾- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)...lb. .03¾- —
f.o.b. Bethlehem, Easton..lb. .03½- —
N.Y., from dock...lb. .03¾- —
from whse.....lb. .03½- —
other shades, cks., c.l. ex car L. Angeles..lb. .03475- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .0335- —
ex whse. L. Angeles, Port., S. Francisco, Seattle..lb. .036 - —
f.o.b. N.Y.....lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional). lb. .03 - —
from whse.....lb. .03¼- —
ex car L. Angeles...lb. .03625- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03 - —
N. Y.....lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle.lb. .035 - —
ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03½- —
ex whse., Chi, E. St. Louis, Indipolis, K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle.lb. .0375- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
ex whse. N. Y.....lb. .03½- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)...lb. .03¾- —
f.o.b. Bethlehem, Easton..lb. .03½- —
N. Y., from dock...lb. .03 - —
from whse.....lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.ea. 2.50 - 2.65

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12¾
dealers.....lb. .09¾- .12¾
jobbers, E. of Rockies..lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10¼- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13½
1,000-5,000 lbs.....lb. .10½- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .10½
USP, precip., powd., bbls..lb. .21 - .22
Chloride, fused, dms., works.lb. .04½- .05¾
gran., dms., works.....lb. .05 - .05¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .03 - —
Cyanide, bbls., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0690- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0765- —
less than 10,000 lbs., dlvd. lb. .0815- —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.20 - 4.25
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, comi., lead-free, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse.,Pac.cst.lb. .05¼- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
loaded, 5%, 25%, 50%, bgs., c.l., dlvd. lb. .04¾- —
l.c.l., dlvd., except Pac. cst..lb. .05¼- —
ex whse.,Pac.cst.lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, comi., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst..lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
green seal, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex-whse.,Pac. cst.lb. .07 - —
import., gold seal, csk., ex dock..lb. .11½- —
green seal, bbls.,1-15 tons, ex dock..lb. .07½- .09¾
ex whse.....lb. .07¾- .09¾
red seal, bbls., 1-15 tons, ex dock..lb. .08¾- —
ex whse.....lb. .09 - —
white seal, cks., lots of 5, ex dock..lb. .10½- —
ex whse.....lb. .10¾- —
smaller lots,ex dock.lb. .10¾- —
ex whse.....lb. .11 - —
USP, bbls., c.l.....lb. .06 - —
l.c.l. .....lb. .06¼- —
Palmitate, bbls.....lb. .22 - .26
Resinate, fused, pale, bbls...lb. .09 - .19
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
1,000-2,000 lbs.....lb. .21 - —
less than 1,000 lbs..lb. .22 - —
USP, bbls.....lb. .20 - .26
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.15 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.30 - —
flake, bgs., c.l.....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.55 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.70 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 4.85 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .10½- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb. .11 - —
1 ton, same basis.....lb. .11½- —
smaller lots, same basis.lb. .11¾- —
bbls., c.l. (20 tons), dlvd..lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb. .11¼- —
1 ton, same basis.....lb. .11¼- —
smaller lots, same basis.lb. .11¾- —
Sulphocarbolate, NF, bbls...lb. .24 - .28
Zinc-ammonia chloride, cks....lb. .0465- .06
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb. .08¾- —
l.c.l., dlvd. except Pac. cst..lb. .04¼- —
ex whse., Pac. cst....lb. .04¼- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¾- .04½
white, 99%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb. .18 - —
Alkyd, Dux-3002, dms., works.lb. .20 - .31
RC-1, dms., works.....lb. .21 - .31
Solution, 50%, RC-119, dms., works..lb. .18 - .19
Amberol, B/S 1, dark, bbls., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - .14½
extra light, bbls., c.l., works. lb. .14½- —
l.c.l., works.....lb. .15½- .16
light, bbls., c.l., works.....lb. .13¾- —
l.c.l., works.....lb. .14¾- .15¼
F-7, dark, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¾- .16¼
extra light, bbls., c.l., works. lb. .16¼- —
l.c.l., works.....lb. .17¾- .17¾
light, bbls., c.l., works....lb. .15½- —
l.c.l., works.....lb. .16½- .17
K-12-A, bbls., c.l., works....lb. .15¼- —
l.c.l., works.....lb. .16¼- .16¾
109, extra light, dms., c.l., works..lb. .12 - —
l.c.l., works.....lb. .13 - .13½
light, dms., c.l., works....lb. .11½- —
l.c.l., works.....lb. .12½- .13
226, dms., c.l., works.....lb. .26 - —
l.c.l., works.....lb. .28 - .29
801, extra light, bbls., c.l., works..lb. .13¼- —
l.c.l., works.....lb. .13¾- .14
light, bbls., c.l., works....lb. .13 - —
l.c.l., works.....lb. .13½- .13¾

B

Bakelite, BR, 254, dms., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works.....lb. .49 - —
5,000 lbs., works.....lb. .50 - —
802, dms., 30,000 lbs.,works.lb. .26 - —
15,000 lbs., works.....lb. .26½- —
5,000 lbs., works.....lb. .27 - —
1329, dms., 30,000 lbs., works. lb. .32 - —
15,000 lbs., works.....lb. .33 - —
5,000 lbs., works.....lb. .34 - —
2072, dms., 30,000 lbs., works. lb. .23 - —
15,000 lbs., works.....lb. .23½- —
5,000 lbs., works.....lb. .24 - —
2981, dms., 30,000 lbs., works. lb. .24 - —
15,000 lbs., works.....lb. .24½- —
5,000 lbs., works.....lb. .25 - —
3360, dms., 30,000 lbs., works. lb. .52 - —
15,000 lbs., works.....lb. .53 - —
5,000 lbs., works.....lb. .54 - —
4036, dms., 30,000 lbs., works. lb. .48 - —
15,000 lbs., works.....lb. .49 - —
5,000 lbs., works.....lb. .50 - —
6717, dms., 30,000 lbs., works. lb. .28 - —
15,000 lbs., works.....lb. .29 - —
5,000 lbs., works.....lb. .30 - —
6769, dms., 30,000 lbs., works. lb. .33 - —
15,000 lbs., works.....lb. .34 - —
5,000 lbs., works.....lb. .35 - —
6882, dms., 30,000 lbs., works. lb. .48 - —
15,000 lbs., works.....lb. .49 - —
5,000 lbs., works.....lb. .50 - —
XJ, 2681, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs., works.....lb. .22 - —
5,000 lbs., works.....lb. .22½- —
XR, 2175, dms., 30,000 lbs., works..lb. .23 - —
15,000 lbs., dms., works..lb. .23½- —
5,000 lbs., dms., works..lb. .24 - —
2987, dms., 30,000 lbs., works. lb. .32 - —
15,000 lbs., works.....lb. .33 - —
5,000 lbs., works.....lb. .34 - —
3180, dms., 30,000 lbs., works. lb. .59 - —
15,000 lbs., works.....lb. .60 - —
5,000 lbs., works.....lb. .61 - —
Beckacite, 1100, dms., c.l., dlvd. lb. .15¼- —
l.c.l., dlvd.....lb. .16½- .17½
1101, dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15½- .16½
1102, dms., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14½- .15½
1106, dms., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14½- .15½
1110, dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13½- .14½
1111, dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13½- .14½
1112, dms., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16½- .17½
1113, dms., c.l., dlvd.....lb. .11¼- —
l.c.l., dlvd.....lb. .12½- .13¼
Beckacite, 1114, dms., c.l., dlvd. lb. .10½- —
l.c.l., dlvd.....lb. .11½- .12½
Super, 1001, bbls., c.l., dlvd..lb. .40½- —
l.c.l., dlvd.....lb. .41½- .42½
1003, bbls., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31½- .32½
2000, bbls., c.l., dlvd.....lb. .30½- —
l.c.l., dlvd.....lb. .31½- .32½
Beckolin, dark, bbls., c.l.,dlvd.lb. .10½- —
l.c.l., dlvd.....lb. .11½- .12½
light, bbls., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14½- .15½
Beckopol, 1400, dms., c.l., dlvd.lb. .21½- —
l.c.l., dlvd.....lb. .22½- .23½
Beckosol, solid, 1, dms., c.l., dlvd..lb. .24½- —
l.c.l., dlvd.....lb. .25 - .25½
3, dms., c.l., dlvd.....lb. .23½- —
l.c.l., dlvd.....lb. .24 - .24½
7, dms., c.l., dlvd.....lb. .25½- —
l.c.l., dlvd.....lb. .26 - .26½
16, dms., c.l., dlvd.....lb. .25½- —
l.c.l., dlvd.....lb. .26 - .26½
15, dms., c.l., dlvd.....lb. .18½- —
l.c.l., dlvd.....lb. .19 - .19½
19, dms., c.l., dlvd.....lb. .23½- —
l.c.l., dlvd.....lb. .24 - .24½
solution, 1, dms., c.l., dlvd...lb. .14½- —
l.c.l., dlvd.....lb. .15 - .15½
2, dms., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14 - .14½
1303, dms., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14 - .14½
1307, dms., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - .16½
1308, dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - .15½
1313, dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - .15½
1316, dms., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - .16½
1318, dms., c.l., dlvd.....lb. .19½- —
l.c.l., dlvd.....lb. .20 - .20½
1319, dms., c.l., dlvd.....lb. .16½- —
l.c.l., dlvd.....lb. .17 - .17½
1320, dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - .15½
1323, dms., c.l., dlvd.....lb. .16½- —
l.c.l., dlvd.....lb. .17 - .17½
1324, dms., c.l., dlvd.....lb. .27½- —
l.c.l., dlvd.....lb. .28 - .28½

Yara yara—Kadox

Beckosol, solution, 1325, dms., c.l.,..lb. .12½- —
l.c.l., dlvd.....lb. .13 - .13½
1326, dms., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - .15½
1329, dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - .12½
Bronze gum, 1, dms., works...lb. .11 - —
3, dms., works.....lb. .09 - —

C

Cumar, AX, dms., works.....lb. .03 - .04
BX, dms., works.....lb. .03 - .04
CX, dms., gross weight, works. lb. .03 - .04
DX, dms., gross weight, works. lb. .03 - .04
EX, dms., gross weight, works. lb. .03 - .04
FX, dms., gross weight, works. lb. .03½- .04½
MH, col. ½, dms., works.....lb. .09¾- .10¾
1, dms., works.....lb. .09 - .10
1½-2, dms., works.....lb. .08¼- .09¼
2½ and darker, dms., works. lb. .07½- .08½
MS, dms., works.....lb. .08 - .09
P, 10°-90° C., above col. 3,dms., works..lb. .03½- .09½
RH, dms., works.....lb. .08 - .09
RS, dms., works.....lb. .08 - .09
special soft, dms., works...lb. .09 - .09
V, col. ½, dms., works.....lb. .09¾- .10¾
1, dms., works.....lb. .09 - .10
1½-2, dms., works.....lb. .08¼- .09¼
2½ and darker, dms., works. lb. .07½- .08½
W, col. ½, dms., works.....lb. .10¾- .11¾
1, dms., works.....lb. .10 - .11
1½-2, dms., works.....lb. .09¼- .10¼
2½ and darker, dms., works. lb. .08¼- .09½
Cumar prices include frt. equald.; prices at left are for 6-mos. firm contracts for 50,000 lbs. or more; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. firm contracts less than 25,000 lbs., add ¾c.; prices at right are on open order.

D

Duraplex, A-22, dms., 3,700 gals. lb. .17 - —
500-3,700 gals.....lb. .18 - —
smaller lots.....lb. .18½- —
A-25, dms., 3,700 gals.....lb. .16¾- —
500-3,700 gals.....lb. .17¾- —
smaller lots, gal.....lb. .18¼- —
B-37-MT, dms., 3,700 gals..lb. .14 - —
500-3,700 gals.....lb. .14¾- —
smaller lots.....lb. .15¼- —
B-37-X, dms., 3,700 gals.....lb. .16¾- —
500-3,700 gals.....lb. .17¾- —
smaller lots.....lb. .18¼- —
C-88, dms., 3,700 gals.....lb. .19¼- —
500-3,700 gals.....lb. .20½- —
smaller lots.....lb. .21 - —
C-40, dms., 3,700 gals.....lb. .15 - —
500-3,700 gals.....lb. .16 - —
smaller lots.....lb. .16½- —
C-45, dms., 3,700 gals.....lb. .14¾- —
500-3,700 gals.....lb. .15¾- —
smaller lots.....lb. .16¼- —
C-45-LV, dms., 3,700 gals....lb. .20½- —
500-3,700 gals.....lb. .22¼- —
smaller lots.....lb. .23¼- —
C-50, dms., 3,700 gals.....lb. .14½- —
500-3,700 gals.....lb. .15½- —
smaller lots.....lb. .16 - —
C-50-LV, dms., 3,700 gals....lb. .20½- —
500-3,700 gals.....lb. .22 - —
smaller lots.....lb. .23 - —
Duraplex prices are E. of Miss. R., f.o.b. works, regular frt. alld. to dest.; to other points, frt. alld., add: For Ark., Dallas, Houston, Ia., Kan., Minn., Mo. (except St. Louis), Neb., N. D., S. D., c.l. ½c. per lb.; l.c.l., ¾c.; for shipments to points in Calif., Ore., and Wash. (by water), c.l., ¾c.; l.c.l., 1¼c.; for shipments to Colo. and Texas (except Dallas and Houston), c.l., 1c.; l.c.l., 2c.
Durez, 210, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .15½- .16½
500, pale, dms., c.l., works...lb. .35 - —
l.c.l., works.....lb. .36 - .38
525, dark, dms., c.l., works..lb. .25 - —
l.c.l., works.....lb. .26 - .28
530, very pale, dms., c.l.,works. lb. .45 - —
l.c.l., works.....lb. .46 - .46
Durez prices, ex whse. Pac. cst., are 2c. higher.
Durite,1,301 dms.,1 ton,frt.alld.lb. .30 - —
smaller lots, frt. alld.....lb. .35 - —

E

Esterol, solid, A, dms.....lb. .25 - —
B, dms.....lb. .25 - —
D, dms.....lb. .25 - —
PV, dms.....lb. .25 - —
1 L, dms.....lb. .25 - —
2 LB, dms.....lb. .24 - —
2 N, dms.....lb. .23 - .25
2 P10, dms.....lb. .24 - —
2 R, dms.....lb. .23 - .25

F

Flat gum, 1, dms., works.....lb. .14¼- —

G

Guai-a-phene, 10-gal. cns., works gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms. (nonreturnable), works..lb. .22 - —

I

Imperial gum, BK, dms., 75,000 lbs., works..lb. .07¾- —
10,000-74,999 lbs., works.lb. .07¾- —
smaller lots, works.....lb. .08¼- .09¾
X, pale, or hard, pale, dms., 75,000 lbs., works..lb. .07¾- —
10,000-74,999 lbs., works.lb. .07¾- —
smaller lots, works.....lb. .08¼- .09¾
8, 8H, 8L, dms., 75,000 lbs. works..lb. .07¾- —
10,000-74,999 lbs., works.lb. .07¾- —
smaller lots, works.....lb. .08¼- .08¾
18-20, dms., 75,000 lbs.,works. lb. .07¾- —
10,000-74,999 lbs., works.lb. .07¾- —
smaller lots, works.....lb. .08¼- .08¾
45, dms., 75,000 lbs., works.lb. .07¾- —
10,000-74,999 lbs., works.lb. .07¾- —
smaller lots, works.....lb. .08¼- .08¾
100, dms., 75,000 lbs.,works.lb. .06¾- —
10,000-74,999 lbs., works.lb. .07¼- —
smaller lots, works.....lb. .07¼- .07¾

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, blue, or red label, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd. E. of Rockies.lb. .05¼- —
Pac. cst., ex whse.....lb. .05¼- —
bbls., c.l., dlvd.....lb. .05¼- —
l.c.l., dlvd. E. of Rockies.lb. .05½- —
Pac. cst., ex whse.....lb. .05½- —

AN EXCELLENT LOW-PRICED SPAR

Here's an excellent low-priced spar—that also makes high-gloss auto refinishing enamels and porch, deck and floor finishes. It's made with Durez 210 resin let down with ester gum.

6469 is very pale, and dries to a hard, tough, and elastic film. It sets in 1 hour and dries hard in 4 hours, flows freely and brushes well. It's highly-resistant: standing 6-8 hours boiling water and 7 hours of 5% caustic.

Besides making fine porch, deck and floor finishes and auto enamels, 6469 with gloss oil added makes good novelty finishes for metal and wood where flexibility and impact resistance are necessary. It levels well and won't orange peel or silk when dipped or sprayed.

Samples of V-4-6469 and Durez 210 Resin gladly sent on request. Write General Plastics, Inc., 46 Walck Road, North Tonawanda, N. Y.

DUREZ
NON HEAT ADVANCING *Resins*

High gloss · Excellent adhesion · Non-yellowing whites(550) · Easy kettle handling · Good flow and leveling · Odorless (550)* · Non-skinning · Good hiding power · Yet economical.*
**Patent Pending*

SYNTHE-COPAL
Ester Gum

BECKOLIN
A Synthetic Oil

BECKOPOL
Copal—Synthetic Resin

BECKOSOL
Plastic Resin Solution

BECKOLBASE *Synthetics*
FIT EVERY FORMULA

KATALISED TUNG OIL
Treated Tung Oil

BECKACITE
Synthetic Resin

KOPOL
Processed Copals

TODAY, good synthetics are practically indispensable in the formulation of fine finishes. Their use is extending rapidly and soon will come the time when all surface coating materials . . . architectural and industrial, oleoresinous and lacquer base, air drying and baking . . . will contain their portion of synthetics which, in a good many cases, will be Beckolbase synthetics.

BECK, KOLLER & COMPANY, INC.
World's Largest Producer of Surface Coating Synthetics
FERNDALE STATION DETROIT, MICHIGAN

BECKOSOL BECKOPOL BECKOLIN SYNTHE-COPAL ESTER GUM KOPOL

Kopol—Varcum

Kopol, 500, dms., c.l. (min. 36,000 lbs.), dlvd..lb.	.12½-	—
l.c.l., dlvd.....lb.	.13½-	.14½
501, dms., c.l. (min. 36,000 lbs.), dlvd..lb.	.10½-	—
l.c.l., dlvd.....lb.	.11½-	.12½
502, dms., c.l. (min. 36,000 lbs.), dlvd..lb.	.09½-	—
l.c.l., dlvd.....lb.	.10½-	.11½

L

Lewisol, 1, dms., c.l., works...lb.	.13¼-	—
l.c.l., works.....lb.	.13½-	.14
2, dms., c.l., works.....lb.	.15¼-	—
l.c.l., works.....lb.	.15½-	.16
3, dms., c.l., works.....lb.	.20¼-	—
l.c.l., works.....lb.	.20½-	.21
18, dms., c.l., works.....lb.	.10¾-	—
l.c.l., works.....lb.	.11 -	.11½
115, dms., c.l., works.....lb.	.11¼-	—
l.c.l., works.....lb.	.11½-	.12
120, dms., c.l., works.....lb.	.13¼-	—
l.c.l., works.....lb.	.13½-	.14
125, dms., c.l., works.....lb.	.11¼-	—
l.c.l., works.....lb.	.11½-	.12
150, dms., c.l., works.....lb.	.17¼-	—
l.c.l., works.....lb.	.17½-	.18
Lecto, 545, bbls., works.....lb.	.43 -	.45
2102, bbls., works.....lb.	.28 -	.30

N

Nevillac, dms., works.....lb.	.14 -	.15

Nevillac prices include frt. equald.; prices left are for 6-mos. firm contracts for 50,000 lbs. or over; 6-mos. firm contracts, 25,000-50,000 lbs., add ½c.; 6-mos. contracts, less than 25,000 lbs., add ¾c.; prices at right are on open order.

Neville resin, R-3, nevindene, col. 1, dms., works..lb.	.10 -	.11
R-5, nevindene, col. 1½-2, dms., works..lb.	.09¼-	.10¼
R-6, nevindene, col. 2½ and darker, dms., works..lb.	.08½-	.09½
R-7, N.P.S., col. below 3, dms., works..lb.	.10 -	.11
R-8, N.P.S., col. below 3, dms., works..lb.	.10½-	.11½
R-10, hard, col. 1, dms., works, lb.	.09 -	.10
R-11, hard, col. 1½-2, dms., works..lb.	.08¼-	.09¼
R-12, hard, col. 2½ and darker, dms., works..lb.	.07½-	.08½
R-14, medium, col. 1, dms., works..lb.	.09 -	.10
R-15, medium, col. 1½-2,dms., works..lb.	.08¼-	.09¼
R-16, medium, col. 2½ and darker, dms., works..lb.	.07½-	.08½
R-17, medium soft, col. 3½-8, dms., works..lb.	.08 -	.09
R-19, medium soft, col. 3½-8, dms., works..lb.	.08 -	.09
R-21, soft, col. 3½-8, dms., works..lb.	.08 -	.09
R-22, special, soft, col. 3½-8, dms., works..lb.	.08 -	.09
R-28, medium soft, col. 1½-2, dms., works..lb.	.09¼-	.10¼
R-29, medium soft, col. 2½ and darker, dms., works..lb.	.08½-	.09½
R-41, phenester, col. 3½-5, dms., works..lb.	.15 -	.16

Neville resin prices are on same basis as those for Nevillac.

Nuodex drier, liquid, cobalt, 4%, dms., dlvd..lb.	.20 -	—
6%, dms., dlvd.....lb.	.23½-	.25½
lead, 16%, dms., dlvd.....lb.	.12 -	.14
24%, dms., dlvd.....lb.	.18 -	.19
manganese, 4%, dms., dlvd, lb.	.12 -	.13
6%, dms., dlvd.....lb.	.14 -	.15
zinc, 8%, dms., dlvd.....lb.	.17 -	.18
solid, cobalt, 12%, dms., dlvd, lb.	.46 -	—
lead, 40%, dms., dlvd....lb.	.28 -	—
manganese, 11%, dms., dlvd, lb.	.25 -	—
zinc, 12%, dms., dlvd.....lb.	.26 -	—

O

Oilsolate drier, solid, cobalt, 10.5-11.5%, dms., works..lb.	.80 -	.84
lead, 31-33%, dms., works.lb.	.42 -	.46
manganese, 10.5-11.5%,dms., works..lb.	.58 -	.62
solution, 2A, cobalt, 2.9-3.1%, dms..lb.	.24 -	.27
lead, 19.5-20.5%, dms., works..lb.	.27 -	.30
manganese, 2.9-3.1%, dms., works..lb.	.15 -	.18
X, cobalt, 2.9-3.1%, dms., works..lb.	.18 -	.21
lead, 19.5-20.5%, dms., works..lb.	.20 -	.23
manganese, 2.9-3.1%, dms., works..lb.	.12 -	.15

P

Para-dura, C, bbls.....lb.	.30 -	.35
10 P, bbls.....lb.	.55 -	.60
10 R, bbls.....lb.	.50 -	.55
46, bbls., c.l.....lb.	.26 -	—
l.c.l.....lb.	.26½-	.28
Paramet ester, extra hard, dms., 75,000 lbs., dlvd..lb.	.08¼-	—
10,000-74,999 lbs., dlvd..lb.	.08⅜-	—
smaller lots, dlvd.....lb.	.08⅜-	.08⅜
Paranol, extra hard, dark, bbls., c.l., works..lb.	.14¾-	—
l.c.l., works.....lb.	.15¼-	.16
extra light, bbls., c.l., works, lb.	.16¾-	—
l.c.l., works.....lb.	.17¼-	.18
light, bbls., c.l., works.....lb.	.15¾-	—
l.c.l., works.....lb.	.16¼-	.17
hard, dark, bbls., c.l., works.lb.	.13¼-	—
l.c.l., works.....lb.	.13¾-	.14½
extra light, bbls., c.l., works, lb.	.15¼-	—
l.c.l., works.....lb.	.15¾-	.16½
light, bbls., c.l., works....lb.	.14¼-	—
l.c.l., works.....lb.	.14¾-	.15½
LB, bbls., c.l.....lb.	.15½-	—
l.c.l.....lb.	.16 -	—
100, bbls.....lb.	.18 -	—
500, extra hard, bbls., c.l....lb.	.20 -	—
hard, bbls., c.l.....lb.	.18 -	—
Paraplex, RG-2 (60%), dms., c.l., works..lb.	.28 -	—
l.c.l., works.....lb.	.29 -	.30
RG-7, dms., c.l., works.....lb.	.24 -	—
l.c.l., works.....lb.	.25 -	.26
5-B (80%), dms., c.l., works..lb.	.18 -	—
l.c.l., works.....lb.	.18½-	.19
Pliolite, milled, dms., 1 ton, works..lb.	.75 -	—
smaller lots, works.....lb.	.79 -	—
unmilled, dms., 1 ton, works.lb.	.66 -	—
smaller lots, works.....lb.	.69 -	—

S

Soligen drier, liquid, cobalt 6%, dms., 10, works..lb.	.23½-	—
less than 10, works..lb.	.25½-	—
lead, 16%, dms., 10, works, lb.	.12 -	—
less than 10, works..lb.	.14 -	—
25%, dms., 10, works....lb.	.19 -	—
less than 10, works..lb.	.21 -	—
manganese, 6%, dms., 10, works..lb.	.14 -	—
less than 10, works..lb.	.16 -	—
zinc, 7%, dms., 10, works.lb.	.18 -	—
less than 10, works..lb.	.20 -	—
solid, cobalt, dms., 10, works, lb.	.45 -	—
less than 10, works..lb.	.47 -	—
Soligen drier, solid, lead, dms., 10, works..lb.	.24 -	—
less than 10, works..lb.	.26 -	—
lead-cobalt, dms., 10, works, lb.	.29 -	—
less than 10, works..lb.	.31 -	—
lead-cobalt-manganese, dms., 10, works..lb.	.30 -	—
less than 10, works..lb.	.32 -	—
lead-manganese, dms., 10, works..lb.	.24 -	—
less than 10, works..lb.	.26 -	—
manganese, dms., 10, works, lb.	.24 -	—
less than 10, works..lb.	.26 -	—
Surfex, bgs., c.l., frt. alld, up to 25c. per 100 lbs..ton.	35.00 -	—

V

Varcum, 250, dms., 25, works..lb.	.46 -	—
less than 25, works.....lb.	.47 -	.48
250 F, dms., 25, works.....lb.	.48 -	—
less than 25, works.....lb.	.49 -	.50
700, dms., 25, works.....lb.	.30 -	—
less than 25, works.....lb.	.31 -	.32

Trade News Briefs

Magma Copper Company, at its annual meeting, elected William Keener, general manager, a director.

American Zinc, Lead & Smelting Company directors have elected A. W. Dodd, vice-president, and W. N. Payne, secretary and treasurer.

Mineral earth pigments exports from Italy in the first nine months of 1935 amounted to 3,098 tons, an increase of 42 percent in comparison with the corresponding period in 1934.

Ultramarine blue consumption in Cuba averages about 350 barrels a year. All the material is imported; about half of it comes from the United States.

Kauri gum exports from New Zealand dropped from 3,209 long tons in 1934 to 2,872 tons in 1935. A movement is on foot to have the government subsidize the kauri industry.

Japanese sulphuric acid production in 1935 was estimated at 2,730,000 metric tons, or about 85 percent of the plant capacity. Production of nitric acid was about 47,000 tons.

Saltpeter exports from Germany increased from 23,111 metric tons in 1934 to 27,994 tons in 1935. Exports to the United States were 10,802 tons in 1934 and 10,875 tons in 1935.

Paints and colors imported into British India in the first eleven months of 1935 amounted to 325,560 hundredweights, of which the United States supplied 6,829 hundredweights.

Claude S. Allen, veteran credit manager for the Peaslee Gaulbert Corporation, Louisville, has been elected president of the Louisville Credit Men's Association, to succeed E. H. Heller.

Caustic soda imports into Australia amounted to 5,997 long tons in the fiscal year ended June 30, 1935. Most of the caustic came from the United Kingdom, the United States supplying 299 tons.

Ohio Match Company directors and North America Match Corporation directors have approved a plan for consolidation into a new Delaware company known as the Ohio Match Company.

Wooster Brush Company, Wooster, O., at the close of its fiscal year, distributed bonuses to all the company employees, amounting to approximately from one month to three months' extra pay, according to individual length of service.

Aluminum salts production in Sweden increased from 24,779 metric tons in 1934 to 30,013 tons in 1935. Imports dropped about two-thirds, but exports increased about 17 percent to 13,220 tons. Exports have been increasing further this year.

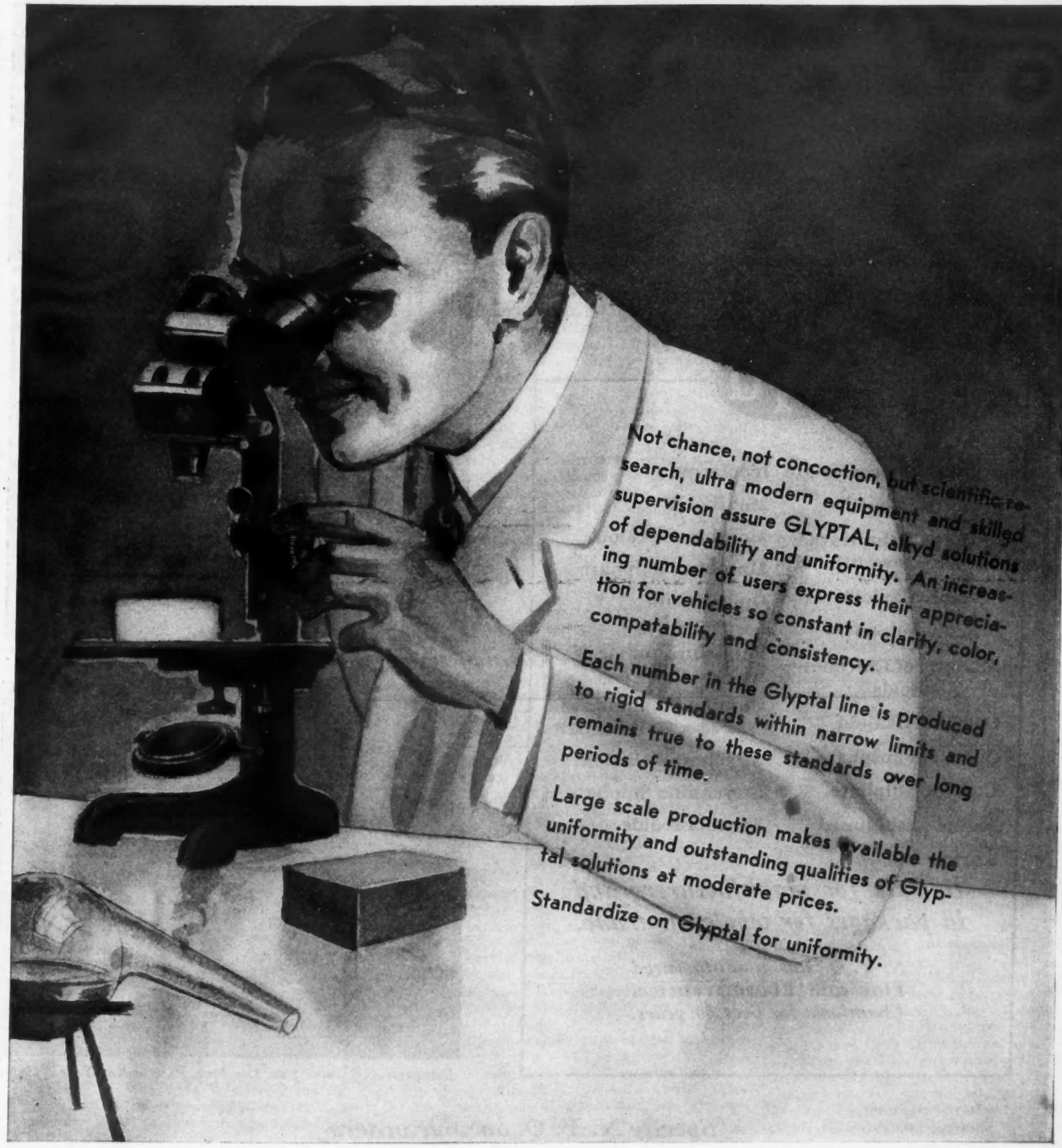
Theodore R. Donlan, chief chemist of the Solvents Development Laboratories of the Standard Alcohol Company of Bayway, N. J., delivered an address on "Commercial Petroleum Solvents," May 13, before members of the Baskerville Association, graduate chemistry society of the College of the City of New York.

Sir Henry Wellcome, LL.D., F.R.S., founder of the Wellcome Research Institution, London, Eng., and president of Burroughs Wellcome & Co., this city, has had conferred upon him by the Spanish Republic the decoration of Comendador de la Orden de la Republica, in recognition of his outstanding services to Spanish interests.

D. W. Robertson, sales engineer for the Titanium Pigment Company, delivered a paper on "House Paint Primers and Undercoaters," at the May meeting of the Cincinnati-Dayton-Indianapolis-Columbus Paint and Varnish Production Club. He illustrated his talk with pictures showing panel failures.

Calcium carbide plant of the Carbidfabrik Whylen G. m. b. H., Whylen, Upper Rhine, Germany, has been purchased by the Deutsche Gold und Silberscheideanstalt A. G., Frankfort-on-Main, with its own resources. The carbide output of the plant will continue to be marketed through the carbide association of which the Scheideanstalt has become a member.

UNIFORMITY



Not chance, not concoction, but scientific research, ultra modern equipment and skilled supervision assure GLYPTAL, alkyd solutions of dependability and uniformity. An increasing number of users express their appreciation for vehicles so constant in clarity, color, compatability and consistency.

Each number in the Glyptal line is produced to rigid standards within narrow limits and remains true to these standards over long periods of time.

Large scale production makes available the uniformity and outstanding qualities of Glyptal solutions at moderate prices.

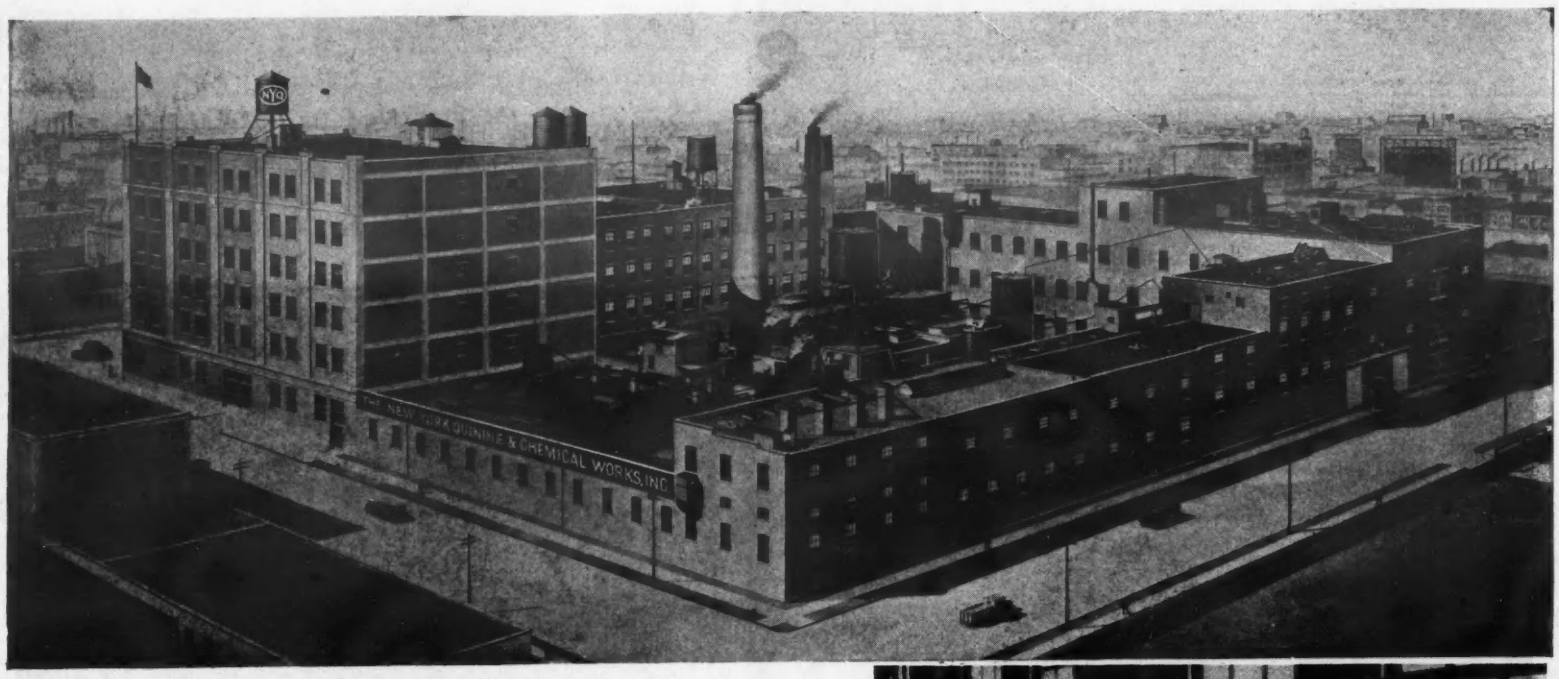
Standardize on Glyptal for uniformity.

GENERAL ELECTRIC

GLYPTAL

REG. U. S. PAT. OFF.

APPLIANCE AND MERCHANDISE DEPT., GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT



The New York Quinine & Chemical Works Laboratories, Brooklyn, N. Y.

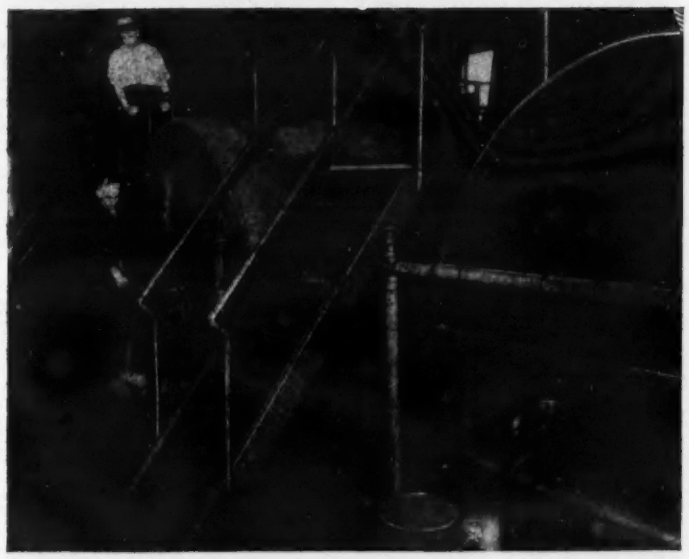
Group employed for packaging N. Y. Q. Quinine Sulphate, U. S. P.

NYQ

Bismuth Subcarbonate
Bismuth Subgallate
Bismuth Subnitrate and other Bismuth Salts
Brucine Alkaloid
Brucine Sulphate
All Salts of Cinchona Alkaloids
Codeine Alkaloid
Codeine Phosphate
Codeine Sulphate
Iodine Resublimed
Iodoform
Menthol-Y
Morphine Alkaloid
Morphine Sulphate
Opium Gum *(Gran. and Powd.)*
Potassium Iodide *(Cryst.—Gran.—Powd.)*
Quinine Sulphate and other Quinine Salts
Strychnine Alkaloid
Strychnine Sulphate
Thymol Iodide

In bulk for manufacturers and in packages for wholesale trade.

N. Y. Q. has manufactured Fine and Pharmaceutical Chemicals for over 50 years.



Extraction of Quinine from Cinchona Bark at New York Quinine and Chemical Works Plant

Specify N. Y. Q. on your orders

THE NEW YORK QUININE & CHEMICAL WORKS INC.

GENERAL OFFICES
99-117 North Eleventh Street, New York, Borough of Brooklyn

NYQ

ST. LOUIS DEPOT, 403 NORTH FIRST STREET, ST. LOUIS, MO.

NYQ

Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Reporter, Inc., 12 Gold Street, New York

Telephone JOhn 4-2357; Cable Address, Reporter

Volume 129 JUNE 1, 1936 Number 22

RECEIVED JUL 1 1936 LIBRARY

The Broad Economic View

Technocologic progress, it may well be reiterated, is destructive, as well as constructive. It consists largely in the development of new and better implements to replace others that have served mankind for more or less extensive periods of time and more or less widely. The real value of progress in this direction depends on the improvement effected in the economic structure as a whole. That which benefits the few at the expense of a greater number is not valuable progress, whatever the unit worth of the benefits to those on whom they are conferred.

In another direction technocologic progress provides less frequently an implement for a wholly new service, utilitarian or relatively luxurious. In this direction the general economic effect of the introduction of the new implement must be measured by the effects that its acceptance and purchase have upon the spending of money for other things.

The automobile is one example of implements whose economic value must be measured by both criterions. While the face value of its service is obviously great, there must be subtracted, to get its real value, the effects of its popularity on raisers of horses and mules, on manufacturers of horse-drawn vehicles and harness, on growers of grain and hay and other feedstuffs. There must be subtracted also the extent to which purchases of clothing, food, and other necessities, and of certain relative luxuries are curtailed in order that an automobile may be procured and maintained.

For this reason there is food for serious thought in the statement by the Secretary of Agriculture that the program of industrial-scientific promotion of the industrial use of farm products must be entered upon slowly and with full regard for the general economic effects of its application.

Industry is bound by duty to itself, as well as to the people who support it, to acquire and apply a broader economic view of its purposes and policies. The chemical industry especially is able to progress along lines that effect changes of a revolutionary and widely destructive nature. Its leaders must recognize this, and in their eagerness to assist the farmer they must build on solid ground and fully visualize the results of their building. They must not promise that which they cannot perform or which will not have a net constructive value.

This advice "goes double" for politicians and others who have been "helping" (?) the farmer so long and frequently so disastrously.

Drug Bill Much Changed

During the many months of its active consideration the proposal to emend the Federal food and drugs act has found expression in a great variety of compiled phraseology. As it was passed by the senate, something like a year ago, the emending bill differed widely from the original, so-called "Tugwell" bill. The differences were all in the direction of greater reasonableness and less bureaucracy. As reported to the house by the committee having it under consideration the bill departs widely in language from the senate enactment. It varies somewhat in purpose also.

The changes made by the house committee in the bill to emend the food and drugs act are indicative of no definite policy. They turn the senate measure both toward and away from the Tugwell bill. The results cannot be regarded as more agreeable to any of the parties concerned—the industries affected, the administrative officials, or the public. The changes, taken as a whole, appear to have been dictated largely if not wholly by political expediency.

With respect to drugs and cosmetics and the relevant general provisions, the changes made in the bill by the house committee—they are presented on another page—affect the measure in about fifty particulars. They range from a fundamental change in the shifting of the administration of the advertising provisions to the Federal Trade Commission from the Food and Drug Administration to the rephrasing of simple statements. Some of them are of serious import.

It is doubtful that the expansion of authority to make multiple seizures on allegations of misbranding will serve the public interest better than would the more limited procedure prescribed in the bill passed by the senate. The change presents unwarranted harassment for manufacturers because of the indefiniteness of the basic condition that a claim be false, misleading, or fraudulent in a material respect. This can mean practically anything that the administrative office desires, and it may be expected often to mean something far less serious than was in the minds of the latest constructors of the provision. Such promotion of bureaucracy is highly blameworthy, and should not be made part of any law.

Bureaucratic procedure is fostered in the new bill by the elimination of the provisions for court review of regulations, for court restraint of multiple actions, and for the advisory committees representative of the industries directly affected by the act. Thus to free the hands of administrative officials is in keeping with a historical American governmental philosophy. But, the empowering of administrative officials to exercise functions which are purely legislative is not in accordance with the American system of government. The regulations to be promulgated by the Secretary of Agriculture under seventeen different provisions of the house bill would inevitably be legislative enactments of his mere opinion in many, if not most instances.

It is strange that a congressional group, so manifestly bent on strengthening the position of the administrator of the food and drugs act, at the same time placed the important duty of regulating advertising under the act in the hands of a separate agency. This working at cross-purposes can be explained only on the basis of political expediency.

Similarly must one explain the lack of consistency between the acceptance of the request of manufacturers that they be permitted to file their formulas with the secretary in lieu of publishing the active ingredients of a product on its label and the extension of the basis of multiple seizures alluded to above. There is a grave question that the alternative filing of formulas will be wholly satisfactory to manufacturers. The manufacturer who chooses this method will lay himself open to scurrilous charges by the so-called "consumer" groups who are ever ready to make capital of an inference that to strip the secrecy from an article would be to blast it from public acceptance. There is also the potentiality of competitive disparagement of the "secretive" manufacturer by one who chooses to label his product with the names of its ingredients.

Is it not political expediency alone that is responsible for the fact that, under all circumstances, the presence of alcohol in a drug must be declared on the label? And what is meant by the "kind" of alcohol? Is the distinction between, for example, ethyl alcohol and isopropyl alcohol, or between grain alcohol and ethyl alcohol derived from some other material?

A serious point in connection with the permission to file formulas with the administrative agency is the failure of the bill to prohibit or penalize the disclosure or use of information which might in this manner be acquired. If the alternative, filing method remains in the act, this oversight must be corrected. Retention of the alternative method is, at best, doubtful; because it will be opposed by consumers and the medical profession.

The cosmetic industry is also the beneficiary and the victim of the desire to please everybody, and also to displease all, manifested in the house bill. On one hand, the industry's desires have been accepted in the changing of the condition on which an ingredient or the container constitutes adulteration. It is now required that the injuriousness to the user be actual, not merely potential, the phrase, "renders or will render," being substituted for "may render." On the other hand the industry has been "smacked" by the changing from misbranding to adulteration of the offense defined for injuriousness of use in accordance with advice given in the labeling or advertising.

While the drug industry still bears the onus of the "may render" condition, it also retains the hard-fought victory that any fault attributable to the label is one of misbranding, not of adulteration. But, the distinction between misbranding and adulteration has been reduced to negligibility by the extension of the basis of multiple seizures for misbranding.

It is interesting to note that, while physicians are regarded in the house bill as immune to the falseness of therapeutic claims, pharmacists are no longer credited with similar perspicacity. Advertisements to the drug trade, like those to the public, can be misleading; those to the medical profession cannot be. There is no such real difference in the credulity of the two groups. One improvement is the authorization of exemptions from the proscription on the naming of certain diseases in connection with therapeutic claims. As the exempting would be based wholly on personal, administrative opinion, the promise of this new provision is not large.

It may confidently be predicted that Congress will not emend the food and drugs act in accordance with the bill now before the house. It is very doubtful that the prolonged task of revising the act will be completed in any enactment during the present session. If this should be the case, the changes made in the bill by the house committee must be regarded as straws that indicate the direction in which the wind will continue to blow until the work of revision has been finished.

Self-Control by Cosmetic Industry

The Toilet Goods Association is to be congratulated for its decision to follow the example of the Proprietary Association in setting up standards of practices and assisting the cosmetic industry to avoid reprehensible advertising and other sales promotion.

Self-regulation by business is the best assurance against governmental control. It can be of, at least, as much benefit to the public, and its effectuating of necessary business reforms can be far less painful.

Business will avoid many troubles when it rids itself of their patent causes.

Chemical Employment in April Showed Decrease

Payroll Totals Also Declined But Stood 5.3 Percent Above 1935 Level

Factory employment in the manufacture of chemicals and related products in the United States showed a slight decrease from March 15 to April 15, 1936, a decline of 1.4 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 0.8 percent below the corresponding level for April, 1935. Payroll totals in the chemical group of industries decreased by 1.3 percent during the monthly period, and stood 5.3 percent above the corresponding level of 1935.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, April 15, 1936, was 110.5 (100=1923-25 average), compared with 112.1 for March, and 111.5 for April, 1935. The bureau's index number (same basis) for payroll totals in the chemical factories was 101.0 at April 15, compared with 102.4 for March and 95.9 for April, 1935.

The bureau's general index numbers for all manufacturing industries, April 15, 1936, show the following:—

	April. 1936.	March. 1936.	April. 1935.
Employment	85.1	84.1	82.6
Payroll totals	77.9	76.3	70.8

Employment in the chemical group of industries April 15, 1936, was 29 percent above the general average for all industries, and 33 percent above the general average for April, 1935. Payroll totals in the chemical group of industries April 15, 1936, were 29 percent above the general average for all industries, and 42 percent above the general average for April, 1935.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics' April 15 index numbers for the chemical group of industries show the following comparisons:—

Employment

(100=1923-25 Average)

	April. 1936.	March. 1936.	April. 1935.
Chemicals	109.0	108.1	106.9
Cottonseed oil, cake and meal	47.0	68.0	53.6
Druggists' preparations	98.4	99.0	98.9
Explosives	85.3	89.4	84.6
Fertilizers	134.5	141.4	155.3
Paints and varnishes	111.9	108.1	109.2
Petroleum refining	109.6	107.5	108.3
Rayon and allied products	331.1	352.0	334.9
Soap	96.8	96.4	102.7

Payroll Totals

(100=1923-25 Average)

	April. 1936.	March. 1936.	April. 1935
Chemicals	104.9	103.0	96.2
Cottonseed oil, cake and meal	45.5	69.2	49.4
Druggists' preparations	98.0	100.0	97.7
Explosives	77.7	86.0	69.3
Fertilizers	121.0	123.6	119.9
Paints and varnishes	100.3	95.6	91.9
Petroleum refining	101.3	103.0	96.9
Rayon and allied products	254.9	267.3	242.7
Soap	93.6	95.0	97.0

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 averages:—

	Employment. Apr. 1936.	Mar.	Payroll totals. Apr. 1936.	Mar. 1936.
Metalliferous mining	67.5	55.9	45.4	45.1
Quarrying and non-metallic mining	48.4	42.2	36.0	30.9
Crude petroleum producing	71.1	70.7	56.8	56.0
Dyeing and cleaning	81.8	74.7	64.1	56.4

Employment in New York

Employment in factories producing chemicals and related products in New York State showed a gain of 1.9 percent from March 15 to April 15, 1936, according to the records of the State Department of Labor. Employment in these lines increased 1.0 percent in the city.

General factory employment increased 0.6 percent during the monthly period in the State, and declined 0.8 percent in the city. General factory payrolls declined 0.7 percent in the State and 4.9 percent in the city. The department's general factory index numbers April 15, 1936 (100=1923-25 average), were:—Employment, 77.7 (3.8 percent above the 1935 level); payroll totals, 66.8 (6.1 percent above the 1935 level).

Changes in employment in the various divisions of the chemical group of industries were reported as follows:—

(April compared with March)

	Percentages State.	City.
Drugs and industrial chemicals	+1.6	+1.6
Oil products	—2.5	—1.9
Paints and colors	+7.6	+8.7
Photographs and miscellaneous chemicals	+2.8	—11.8

Virginia-Carolina Chemical Corporation stockholders have decided to retire 90,000 shares of the 7 percent prior preferred stock held in the treasury.

World Chemical Developments in 1935

United States Holds Record as Largest Producer And Consumer and Is Second in Exports

Industrial operations in the chemical fields throughout the world during 1935 occupied a generally favorable position, with most countries continuing at a slower pace the relatively rapid growth evident in 1934, with the erection of more than 100 important chemical factories during the year, especially for the manufacture of industrial chemicals, and with some expansion in the export trade of the major chemical-producing countries, according to data compiled by the Department of Commerce and published in a bulletin* just issued. The United States continued to hold its position as the world's largest producer and consumer of chemicals, and Germany remained the largest exporter, surpassing its nearest competitors—the United States, the United Kingdom and France—by more than $100,000,000.

The department's bulletin is a booklet of 197 pages containing statistical data on production and exportation, trade restrictions, agreements and cartels, domestic cartels, international cartels, government aids to industry, new uses and commodities, new sources of raw materials, and other data and statistics. In it is included a table giving the values of chemical exports and imports of 100 countries in 1934, the first time such a detailed tabular presentation has been issued. It covers Argentine, Austria, Australia, Belgium, Belgian Congo, Brazil, British India, British Malaya, British Africa, Canada, Chile, China, Colombia, Cuba, Czechoslovakia, Denmark, Egypt, England, Finland, France, Germany, Greece, Hungary, Iceland, Irish Free State, Iraq, Italy, Japan, Latvia, Lithuania, Mexico, Netherlands, Newfoundland, New Zealand, Norway, Palestine, Peru, Philippines, Poland, Roumania, Soviet Russia, Spain, Sweden, Switzerland, United Kingdom, United States, and Venezuela.

General Review

The report is opened with a general review of chemical trade developments, prepared by C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce, and A. H. Swift, member of the division staff. The general subject is presented as follows:—

Chemical developments in major producing countries were somewhat less notable in 1935 than in the preceding two years. Progress towards economic recovery was evident in most countries; the

(Continued on page 34)

Willard Gibbs Medal Given to Prof. Adams

Prof. Roger Adams, head of the department of chemistry of the University of Illinois, and former president of the American Chemical Society, received the 1936 Willard Gibbs Medal of the society's Chicago section, May 23, at a dinner in Chicago celebrating the twenty-fifth anniversary of the founding of the award by William A. Converse. President Arthur Cutts Willard, of the University of Illinois, spoke on "The Medalist." Prof. Edward Bartow, of the State University of Iowa, president of the American Chemical Society, made the presentation, and Thomas Midgley, jr., vice-president of the Ethyl Gasoline Corporation, delivered the epilogue. Prof. Adams discussed "Organic Chemistry. The history of the medal was outlined by Dr. Arthur Guillaudeu, chairman of the Chicago section.

Prof. Adams won the medal "for outstanding and fundamental contributions to synthetic organic chemistry and for conspicuous achievements as a teacher of chemistry." He was cited for his work on "catalysis and stereochemistry of diphenyl derivatives; many difficult and important organic syntheses, including new local anesthetics, chaulmoogric acid and allied compounds, the catalytic reduction of organic compounds, trypanocidal compounds," and other work. Butyn is one of the best known local anesthetics synthesized by Prof. Adams.

Prof. Adams was born in Boston, and received his Bachelor of Arts degree, Master of Arts degree, and doctor's degree at Harvard; also studied in Germany, and was an instructor in organic chemistry at Harvard and Radcliffe College. During the World War he served as major in charge of an Offense Chemical Research Division in Washington.

Chandler Medal Given Prof. Giauque

The Charles Frederick Chandler Medal of Columbia University was presented May 28 to Prof. William Francis Giauque, of the University of California, discoverer of a method of magnetic cooling by which temperatures approaching absolute zero can be obtained. Dr. George B. Pegram, acting Dean of Graduate Faculties of the university, conferred the medal at a national gathering of scientists at the university.

Railroad Truck Delivery In East Blocked by I.C.C.

WASHINGTON, May 25, 1936.

Railroad tariffs, giving free collection and delivery service on less-than-carload freight, which were to have gone into effect today throughout Eastern territory were suspended by the Interstate Commerce Commission in a reversal of a previous decision.

Several months ago the commission permitted Southern and Western roads to give collection and delivery service by trucks without an addition to the rail-haul charge and to pay 5 cents per 100 pounds to shippers doing their own trucking. However, when roads in Eastern territory, East of Chicago and North of the Ohio and Potomac rivers, filed similar tariffs they were suspended for investigation on complaint of truck operators. Later, the roads were given permission to file different tariffs omitting the payment to shippers doing their own trucking, and these tariffs would have gone into effect today had not the commission suddenly withdrawn this permission.

As a result the whole question is held in abeyance pending the outcome of the suspension case. The first hearing in this investtigation will be in Washington, June 16, and the case probably will continue all Summer. Trucking interests take the position that railroads should confine themselves to rail business under the original part of the interstate commerce act and that when they attempt to enter the trucking business they should come under the new part of the act dealing with motor carriers and should secure certificates of public convenience and necessity in the same way that new trucking operators are required to do.

Cox Enters 57th Tilden Year

May 25, J. Harry Cox completed the fifty-sixth year of his connection with the Tilden Company, pharmaceutical manufacturer, New Lebanon, N. Y. He celebrated the occasion with a week-end round of golf at the Pittsfield Country Club. Mr. Cox is president and treasurer of the Tilden Company which was established in 1824 and is the oldest pharmaceutical manufacturing house in the United States.

Chemical Prices Fairly Steady

There were not many changes in prices last week in the markets for heavy and fine chemicals, and in the few instances of changes there was little of importance. Current contract quotations on benzene and other coaltar solvents were extended over the next six months. Business in general was quiet, with the few active spots that had previously been in evidence. The volume was satisfactory for the season, the call for agricultural insecticides increasing. Shortages in the coaltar division were but little relieved.

Price changes included advances affecting sulphate of cobalt and Spanish red oxide, and reductions in quotations on acetone, two varieties of copal, domestic dried blood, domestic tankage, imported bones, and imported nitrogenous fertilizer material.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.4 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.7, against 89.3 at this time last year.

Keim Is Honored at Bon Voyage Dinner

R. D. Keim, vice-president and sales counsellor of E. R. Squibb & Sons, was tendered a bon voyage dinner by one hundred fifty of his friends, May 27, in the Hotel Commodore, this city, on the eve of his departure for Europe on a vacation. Mr. Keim was presented with a beautiful wardrobe suitcase and the group also sent a bouquet of flowers to Mrs. Keim on the evening of the dinner.

Turner Currens, vice-president of the Norwich Pharmacal Company, presided as toastmaster, contributing wit and

R. D. Keim

humor to the evening's program which was characterized by spontaneous expressions of friendship and esteem for the guest of honor. J. C. Hearn, president of Harold F. Ritchie & Co., presented a fitting testimonial letter from Theodore Weicker, chairman of the board of E. R. Squibb & Sons, who was unable to be present because of illness. Mr. Weicker also sent a bouquet of roses to Mrs. Keim. Lowell Weicker, sales director of the company, paid eloquent tribute to Mr. Keim as a business associate and personal friend and Carlton Palmer, president of the company, made the chief address of the evening. Mr. Palmer spoke as follows:

I am not surprised to find that our guest of honor is in reality an orator.

Someone once said that if all the after-dinner speakers were placed end to end it would be simply great. I have an amendment to suggest to that statement. If all the best after-dinner speakers were combined in one we would have R. D. Keim.

So we gather to honor an orator—and as the postman takes a walk on his holiday we start R. D. on his vacation with oratory. It is an opportunity we have long wanted and I greatly appreciate your chairman's understanding in including me on the list of speakers. He must have known somehow that in those vast audi-

(Continued on page 48)

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Caustic Potash.—Netherlands, by royal decree, provides that imports into that country of caustic potash and caustic potash solution or "potash lye" from each supplying country during the four months' period beginning May 1, have been restricted to 100 percent of the gross weight of average imports of these products from the respective countries per four months during 1932, 1933, and 1934.

Caustic Soda.—Yugoslavia has imposed a consumption tax on caustic soda to provide revenue for the provincial governments of the country.

Copper.—Chile has authorized the exportation of scrap copper, under permit issued by the Ministry of Finance, when such exports are not prejudicial to domestic metallurgical industries using the product.

Oil Cake.—Lithuania has re-established an export duty on oil cake, amounting to 5 lits per 100 kilos. The duty affects linseed, coconut, sunflower, and other oil cake.

Oleaginous Seeds.—French West Africa, with the approval of the French Government, has changed the import surtaxes on oleaginous seeds and fruits of foreign (non-French) origin, imported into French West Africa (except Dahomey and Ivory Coast) to higher specific rates.

Soda Bicarbonate.—Yugoslavia has imposed a consumption tax on soda bicarbonate to provide revenue for the provincial governments of the country.

Patman Bill Revised In Passage by House

Basing-Point Price Ban and Classification of Buyers Are Eliminated

FARMERS EXEMPTION REJECTED

Borah-Van Nuys Provision Not Accepted—Senate Bill Not Replaced

WASHINGTON, May 28, 1936.

The house today passed the Patman bill against price-discrimination (H. R. 8442) after removing from it the ban on basing-point pricing and the paragraph classifying purchasers according to sales, and making certain other changes.

An attempt to substitute the house measure for the text of the Robinson bill (S. 3145), a companion measure which has passed the senate, met with opposition, so that instead of sending the measure to conference the house is forced to send its bill to the senate, a parliamentary situation which promises to delay somewhat final action on the bill.

The measure was weakened considerably by removal of the provision classifying purchasers according to type of sales. This was regarded as one of the most drastic points in the bill, and would have compelled chain stores to buy on the same basis as independents in many instances.

The house struck out the definition of price, usually referred to as the anti-basing-point provision, which would have required all sales to be made on an f.o.b. factory basis.

An amendment was adopted which would permit the Federal Trade Commission to apply the provisions of the bill to pending cases through the issuance of supplementary complaints. Another amendment would permit sellers to rebut prima facie cases made out by the Federal Trade Commission on the basis of discrimination in "services or facilities furnished" as well as on price discrimination cases.

A number of amendments offered from the floor were rejected. Chief among them was one embodying the provision of the Borah-VanNuys price discrimination bill, which would make the measure a criminal statute. This provision is, however, included in the bill which has passed the senate.

Another amendment which was finally rejected would have exempted farmers and livestock producers from the provisions of the measure.

Alcohol C.D. Formulas Contain New Ingredient

WASHINGTON, May 27, 1936.

Effective today and until July 1, alcohol denatured in accordance with formulas 5-A and 10 must contain an additional ingredient—methylisobutyl ketone, also known as hexone. Modifications of the two formulas have been promulgated by the Commissioner of Internal Revenue in T. D. 4646.

Except as to that packaged in drums or smaller containers, all stocks of completely denatured alcohol 5-A and 10 on the premises or in the possession or under the control of denaturers, including stocks sold on consignment and remaining in the hands of the denaturers or their consignees, must be immediately further denatured by having added thereto 1.75 gallons of methylisobutyl ketone to every 100 gallons. This denatured alcohol must be marked and branded "completely Denatured Alcohol Formula No. 5A Modified," or "Completely Denatured Alcohol Formula No. 10 Modified," respectively.

The modified formulas 5-A and 10 are as follows:—

Alcohol C.D. 5-A Modified

To every 100 points by volume of ethyl alcohol of not less than 160 degrees proof add:—

	Parts by volume
Isopropanol, denaturing grade	2.50
Pontol, or a compound similar thereto	3.00
Methylisobutyl ketone	2.00
Aldehol, grade A; or denatol, or a compound similar thereto	0.50
Colorite,. or a compound similar thereto	0.50
Alphaterpincol, commercial, denaturing grade	0.25

Alcohol C.D. 10 Modified

To every 100 parts by volume of ethyl alcohol of not less than 160 degrees proof add:—

	Parts by volume
Tecsol, or a compound similar thereto	5.0
Pontol, or a compound similar thereto	2.5
Isopropanol, denaturing grade	2.5
Methylisobutyl ketone	2.0
Aviation gasoline	0.5

Methylisobutyl Ketone Specifications

Acidity—not more than 0.02 percent as acetic acid.

Specific gravity—0.799 to 0.804 at 20/20 degrees C.

Color.—Water-white.

(Continued on page 54)

Egypt Offers Prize for Cotton Pest Destroyer

The Royal Agricultural Society of Egypt announces that it will grant a prize of £20,000 (Egyptian) to the inventor of a remedy for the affliction of cotton leaves by the worm known as Prodenia litura, which will prevent white blotches caused by the eggs or larva of the pest. The remedy must protect the cotton plant against attack by the cotton leaf worm, without being injurious to persons, animals, or agriculture. Also, the application of the remedy should not be so costly as to absorb a considerable part of the price of the product.

The administrative council of the society will grant the prize in accordance with the decision of the committee for the combat of the cotton worm, which will be entrusted with the examination of all remedies submitted in the competition. The committee's decision and the approval of the council will be final and not subject to opposition or appeal.

For admission to the competition, the following documents must be submitted to the secretariat of the society:—

A written detailed statement, signed by the applicant, containing a full description of the remedy, its composition and method of application, as well as all other explanations considered by the applicant to be useful and necessary. Two copies of this statement must be submitted in an envelope closed and sealed with wax by the applicant.

If the remedy comprises the application of a certain definite substance, two samples of the same must be submitted, enclosed in a suitable container and also sealed with wax and signed by the applicant.

A declaration must be signed by the applicant agreeing to abide by the rules of the contest.

Applicants must belong to a recognized scientific body, or be presented by a public or a scientific institute of recognized Egyptian origin, if the applicants are Egyptian, or recognized abroad, if the applicants are foreigners. Every remedy presented and found worthy of consideration by the society, shall be the subject of experimentations for a period of six years, the society having the right to extend the period for another year. If the council decides, after experimentations, that the remedy is efficacious, the prize will be paid to the inventor. If more than one remedy is efficacious, the society reserves the right to divide the prize according to the merit of each remedy.

Petroleum Taxes Raised In New Disney Measure

WASHINGTON, May 27, 1936.

Representative Wesley E. Disney, of Oklahoma, today introduced in the house a new bill providing for additional taxes on petroleum and its products.

The new bill (H. R. 12872) differs from the earlier Disney measure (H. R. 10483) in that it does not provide for limitation of imports, but only for increased excise taxes on petroleum and some petroleum products.

Toilet Goods Association to Petition Parties to Abolish Nuisance Taxes

Memorial to Be Presented to Major National Conventions—Group Sets Up Bureau For Industry Improvements

Unfair trade practices within the cosmetic industry and a continuance of efforts to modify or repeal existing taxes upon the industry were discussed at the first annual meeting of the Toilet Goods Association held at the Hotel Biltmore, this city, May 26 to 28.

A resolution passed by the convention will petition both the Republican and Democratic parties convening shortly in Cleveland and Philadelphia, to include in their respective platforms a plank to the effect that "we favor the repeal and abolition of the so-called nuisance taxes." It was also decided that the executive board of the association should establish a bureau of standards which, working in conjunction with Federal agencies, such as the Federal Trade Commission, would study and suggest improvements or corrections on the labels, packaging, advertising, and manufacturing raw materials employed in the cosmetic industry.

The following officers were elected:—President, Herman L. Brooks, general manager of Coty, Inc. (re-elected); first vice-president, Cecil Smith, of Yardley & Co.; second vice-president, J. H. Miller, of the Dorothy Perkins Company; third vice-president, H. P. Willats, of Colonial Dames, Inc.; treasurer, Paul F. Vallee, of Roger & Gallet; secretary, J. I. Poses, of the A. A. Vantine Products Corporation. Charles S. Welch will continue as executive secretary.

Elected to the Executive board were:—C. A. Pennock, of Richard Hudnut; A. H. Bergmann, Oxzyn Company; J. H. Helfrich, of the Helfrich Laboratories, Illinois; H. Clyde Balsley, of Katherine A. MacDonald; D. H. McConnell, jr., of the California Perfume Company; George A. Wrisley, of the Allen B. Wrisley Company; A. E. Johnston, of the Colgate-Palmolive-Peet Company; Paul Douglas, of Bourjois, Inc.; Earl Means, of the Bristol-Myers Company; and D. J. Mulster, of Ferdinand Muhlens, Inc.

Herman L. Brooks

The president, in his address at the opening session Tuesday forenoon briefly recorded the progress of the association since its formation a year ago and listed some of the problems confronting the industry. He asked that the toilet goods manufacturers cooperate to a greater extent in the elimination of unfair trade practices within the industry and suggested that an advertising advisory board, such as that of the Proprietary Association, might also be established advantageously by cosmetic manufacturers. He also asked that manufacturers encourage retailers

(Continued on page 50)

Oils, Fats Taxes Proposed On Imports and Processing

Perilla, Tung Oils Excepted by Senate Committee—Tin Oiling Covered

WASHINGTON, May 28, 1936.

New and heavy import and processing taxes on a long list of vegetable oils and materials were voted today by the senate finance committee as an amendment to the pending tax bill.

The amendment was proposed by Senator Josiah Bailey, of North Carolina. As the bill passed the house it contained no excise taxes of this nature.

The new taxes proposed are as follows:—

Import Taxes

Three cents per pound on the importation of whale oil (except sperm oil), fish oil (except cod oil, codliver oil and halibut-liver oil), marine-animal oil, tallow, inedible animal grease, and fatty acids of any of the foregoing oils and fats, and salts of any of them, all the foregoing, whether or not refined, sulphonated, sulphated, hydrogenated, or otherwise processed, and any combination or mixture containing a substantial quantity of any of them.

Four and one-half cents per pound on the importation of olive oil and sesame oil classified under paragraph 1732 of the

(Continued on page 34)

Drug Bill Is Changed in Major Respects

Formula-Filing Permitted in Lieu of Disclosure On Label—Information Not Safeguarded

Many changes, in large part substantially affecting the application of the measure, were made in S. 5 during its consideration in committee in the house. Changes affecting drugs and cosmetics were made in about fifty specific and general provisions.

Fundamentally, the most important change is the transfer of the advertising provisions to administration by the Federal Trade Commission. From the point of view of the industries affected, this change is of less concern than are those which extend the basis of multiple seizures for misbranding and eliminate the provisions for court review of regulations and court restraint of seizures.

Filing of full formulas of medicinal compounds is permitted as an alternative to the publishing of the active ingredients on the label. The data filed are not protected against disclosure. The requirement relative to directions for use has been eased, but that respecting warnings on labels has been made subject to official regulations.

Advertising to the drug trade must comply fully with the provisions respecting public advertising, but provision is made for modification by regulation of the ban on naming certain diseases.

Representatives Chapman and Merritt have presented a minority report on the bill, in which they oppose the placing of the advertising provisions in the hands of the Federal Trade Commission.

Mr. Chapman has asked the house rules committee to grant a rule for immediate consideration of the bill, but the rules committee has not given him a hearing on this request nor taken other action. However, the house calendar is pretty clean and the bill might come up suddenly.

The changes in the bill, affecting drugs and cosmetics, are as follows:—

Chapter I

Section 1.—The word, "drugs," in the citable title has been changed to "drug."

Chapter II

Section 201 (b).—The qualification, "and not for the regulation of the legalized practice of the healing art," has been eliminated from the definition of the term, "drug," and the designation, "official" has been prefixed to the names of the United States Pharmacopeia and the other compendiums recognized.

(c).—The qualification, "and not for the regulation of the legalized practice of the healing art," has been eliminated from the definition of the term, "device."

(d).—The definition of the term, "cosmetic," has been reworded so that the exception for soaps reads: "except that such term shall include soaps only when medicinal or curative qualities are claimed therefor," and the reference to household cleansers has been eliminated.

(k).—The following phrase has been added at the end of the definition of the term, "advertisement": "for the purpose of inducing, directly or indirectly, the purchase of foods, drugs, devices, or cosmetics."

Chapter IV

Section 401 (a) (3).—The reference to the container of a drug has been changed by the addition of the italicized words, as follows:—"if its container is composed, *in whole or in part*, of any poison-

(Continued on page 48)

Soda Iodide Authorized As Alcohol Denaturant

WASHINGTON, May 27, 1936.

Use of iodide of soda as an alternative for iodide of potash has been authorized for specially denatured alcohol formulas 25 and 25A.

Revised formulas under these numbers were filed and promulgated today by Guy T. Helvering, Commissioner of Internal Revenue. The new formulas are as follows:—

S.D. Alcohol Formula 25

To every 100 gallons of ethyl alcohol add:—

	Pounds
Iodine, U.S.P.	20
and	
Potassium Iodide, U.S.P.	15
or	
Sodium Iodide, U.S.P.	15

S.D. Alcohol Formula 25A

To every 100 gallons of ethyl alcohol add a solution composed of:—

	Pounds
Iodine, U.S.P.	20
and	
Potassium Iodide, U.S.P.	15
or	
Sodium Iodide, U.S.P.	15
and	
Water	15

Grasselli

ZINC DUST

FOUNDED 1839 GRASSELLI REG. U.S. PAT. OFF.

. . for all purposes

If your requirements are exacting as to purity, uniformity and fineness, try GRASSELLI ZINC DUST. You will find it the highest available zinc consistent with the fineness specified.

Furnished in Double A Grade—also Triple A Grade (for Cyaniding). Prompt shipment. Let us quote you.

OTHER GRASSELLI ZINC PRODUCTS

Sherardizing Zinc
Fine Zinc
Mossy Zinc
Zinc Anodes
Brass Special Zinc
Intermediate Zinc
Prime Western Zinc

BRIGHT ZINC
An Electroplating Process

Whatever your requirements, just write, wire or phone our nearest office

THE GRASSELLI CHEMICAL COMPANY, INC.
Founded 1839 INCORPORATED CLEVELAND, OHIO

GRASSELLI New York and Export Offices: 350 Fifth Avenue DUPONT

BRANCHES AND WAREHOUSES:

Albany Birmingham Boston Charlotte Chicago Cincinnati Detroit Milwaukee New Haven New Orleans Philadelphia Pittsburgh St. Louis St. Paul

San Francisco—584 Mission Street Los Angeles—2260 E. 15th Street

Represented in Canada by CANADIAN INDUSTRIES, LTD., General Chemicals Division—Montreal and Toronto

GRASSELLI GRADE
A standard held high for 97 years

Bids and Awards

Bids Wanted

Acetylene and Oxygen

Post Office Department, Washington

Bids are wanted by June 3, procurement 270, by the Purchasing Agent, Post Office Department, Washington, for supplies of acetylene and oxygen as required during the fiscal year 1937.

U. S. Engineers, Philadelphia

Bids are wanted by June 4, circular 612, by the U. S. Engineer Office, Philadelphia, Pa., for supplies of acetylene and oxygen for various deliveries.

Acids

Picatinny Arsenal, New Jersey

Bids are wanted by June 5, circular 399, by the Commanding Officer, Picatinny Arsenal, New Jersey, for two tank cars, approximately 130,000 pounds of sulphuric acid.

Aluminum Powder

Post Office Department, Washington

Bids are wanted by June 3, procurement 264, by the Purchasing Agent, Post Office Department, Washington, for 20 one-pound cans of aluminum powder, and 120 10-pound packages of aluminum powder.

Asphalt

Quartermaster, Fort Riley

Bids are wanted by June 3, circular 77, by the Contracting Officer, Quartermaster Corps, Fort Riley, Kans., for 8,000 gallons of cut-back asphalt for road work.

Baking Powder

State House, Trenton

Bids are wanted by June 10, circular 19, by the U. S. Property and Disbursing Officer, State of New Jersey, State House, Trenton, for supplies of baking powder.

Calcimine

National Park Service, Washington

Bids are wanted by June 2, by the Supply Section, National Park Service, Navy building, Washington, for 6,270 pounds of hot water calcimine and 5 ½-pint cans of pigments in oil.

Chemicals and Drugs

Veterans Administration, Washington

Bids are wanted by June 2, procurement 912, by the Procurement Division, Veterans Administration, Washington, for 5 items of drugs and chemicals for Perry Point and Chicago; and by June 2, procurement 910, for 6 items of drugs and chemicals for Perry Point and Chicago.

Creosote Oil

Quartermaster, Governor's Island

Bids are wanted by June 5, circular 24, by the Quartermaster Second Corps Area, Governor's Island, N. Y., for 11,725 gallons of wood preservative creosote oil.

Fuel Oil

Navy Department, Washington

Bids are wanted by June 2, schedule 7999, by the Bureau of Supplies and Accounts, Navy Department, Washington, for supplies of fuel oil for Boston.

Navy Department, Washington

Bids are wanted by June 12, schedule 8036, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 75,000 barrels of Navy fuel oil for Guantanamo Bay.

Panama Canal, Washington

Bids are wanted by June 11, schedule 3151, by the General Purchasing Officer, Panama Canal, Washington, for 60,000 barrels of bunker C fuel oil; and by June 16, schedule 3152, for 35,000 barrels of diesel oil.

State House, Trenton

Bids are wanted by June 10, circular 11, by the U. S. Property and Disbursing Officer, State of New Jersey, State House, Trenton, for 50,000 gallons of bunker C fuel oil; and by June 10, circular 22, for 16,000 gallons of gasoline and 300 gallons of oil.

Gum Dammar

Navy Department, Washington

Bids are wanted by June 10, schedule 9009630, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 100,000 pounds of Batavia gum dammar.

Lard and Lard Substitute

Quartermaster, Barksdale Field

Bids are wanted by June 10, circular 26, by the Quartermaster, Barksdale Field, Shreveport, La., for supplies of lard and lard substitute.

Quartermaster Depot, Baltimore

Bids are wanted by June 18, circular 158, by the Quartermaster, Holabird Quartermaster Depot, Baltimore, Md., for supplies of lard.

Lime

Treasury Department, Washington

Bids are wanted by June 2, procurement 1322, by the Resettlement Purchase Section, Treasury Department, Washington, for 100 tons of builders' hydrated lime for Crab Orchard, Tenn.

Lubricants

Navy Aircraft Factory, Philadelphia

Bids are wanted by June 4, requisition 1123 aero, by the Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia, for 525 pounds of lubricating grease; 100 8-ounce tubes of high temperature lubricating grease; 25 pounds of lubricating grease for inertia starters and electric starter motor bearings; 75 pounds of rust preventive compound; 10,000 pounds of soft mineral lubricating grease; 50 pounds of gas-tite lubricant; 1,316 pints of penetrating oil; 3,550 gallons of oil for valves and rocker arms; and 50 pounds of lightweight gasket paste.

U. S. Engineers, Fort Peck

Bids are wanted by June 3, circular 596, by the U. S. Engineer Office, Fort Peck, Mont., for 141,500 pounds of grease.

Paint and Varnish

Army Supply Base, Boston

Bids are wanted by June 9, circular 181, by the Commanding Officer, Boston Quartermaster Depot, Army Base, Boston, Mass., for 150 gallons of water-resisting spar varnish.

Post Office Department, Washington

Bids are wanted by June 3, procurement 267, by the Purchasing Agent, Post Office Depart-

(Continued on page 52)

Heavy Chemicals

General Demand Quiet—Cobalt Sulphate Higher—Antimony Metal Slow—Tin Salts Continue Steady—Soda Silicofluoride Strong—Broad Seasonal Call for Arsenicals

The market for the industrial chemicals was quiet last week, but the volume was satisfactory for this period of the year. The relative quiet reflected the customary conservatism assumed by buyers at this time because of the near approach of the depressing seasonal influences on production schedules in a number of light and heavy industries. However, the price tone generally was steady to firm. The lone change in the price structure was a rise in cobalt sulphate.

Advance in the price for cobalt sulphate was not unexpected, inasmuch as a sharp advance was noted in cobalt oxide recently. Other cobalt products remained unchanged. Antimony metal continued to experience a dull demand, but a steady tone was in evidence, with the price for the Chinese material slightly higher than the domestic product. The derivatives continued to display a steady tone. Business in the tin salts were fairly good during the week, and no change was noted in the prices, for the basic metal hovered around the levels of the preceding period. Reports were to the effect that the International Tin Committee postponed action on the third quarter export quota until the meeting June 25 at Paris. Basic reason for the delay in taking action at the meeting May 26 was due to the desire for more time to study the Bolivian situation, to find out whether that country intends to make up the underproduction of 7,000 tons.

Textile chemicals reflected the mixed character of the operating schedules, with some units approaching the seasonal curtailment and other units hampered by labor unsettlement, particularly in the Providence district. However, despite the dull character of demand at times for a number of the textile chemicals, sellers reported quotations were steady to firm in most cases. Acetic acid was steady. Chlorine continued to move out in volume close to production, and a substantial amount of business was on the books for forward delivery. Bleaching powder noted a firm tone, and shipments were good. Business in the alkalies moved forward at an irregular pace, but the month-end was a factor slowing demand to some extent.

Ceramic industry continued to place a representative demand for certain chemicals. The call for chemicals entering the paper trade was fairly active. And the buying of material by the glass industry was irregular. Agricultural insecticides and fungicides continued as the prominent spots in the market from a demand standpoint, with the arsenicals active. Blue vitriol was in broad demand. Calcium chloride was firm. Anhydrous ammonia was firm.

Alums. — This market continued to experience a representative demand for the commercial product and prices were regarded as steady to firm. The call for the iron-free was fairly good, and quotations were without change. Business in the ammonia and potash items was fair and prices were firm.

Ammonia, Anhydrous. — Business showed some improvement during the course of the week under survey, with the market reflecting the seasonal influences and prices were regarded as firm at the levels in effect previously.

Ammonia Aqua. — This market was about the same as the preceding period, with the shipments moving out at an irregular pace, for consumers were holding to the practice of covering for immediate production requirements, and quotations were without change.

Ammonia Bicarbonate. — This situation offered little variation from recent weeks, with the shipments moving forward at an irregular pace, and concerned with moderate quantities, but the prices remained firm at the levels of the former week.

Ammonia Perchlorate. — Jobbing quantities were noted for this material, but the market was reported as steady to firm at previous levels.

Antimony. — The market for the metal was quiet again last week, and sellers reported no change in quotations. Declared exports of antimony regulus to the United States, as reported by cable by American consular offices, were 31 long tons in April as compared with 26 tons in March, of oxide, 158 tons and of crude antimony 50, against 160 tons in March. All material came from Hankow with the exception of 25 tons shipped from Shanghai. Hunan production rose to around 1,000 tons for April against 800 tons in March. Aggregate stocks at 3,035 tons showed little change from 3,040 tons reported at the end of March; an increase from 100 to 400 tons at the mines was offset by decreases to 2,540 tons at Changsha and to 95 tons at Hankow as compared with 2,735 and 205 tons, respectively, reported 30 days earlier.

Antimony Oxide.—This product continued to experience a good demand from the ceramic industry, with the prices displaying a steady tone. And the call for the needle materials was considered fair, with quotations in conformity with the schedule in effect previously.

Arsenic.—Business here revealed little change during the course of the week under review, with the demand for the white product holding up fairly well, and the price tone was firm. There was little to report in the red article, with the demand highly irregular, but quotations were well maintained.

Barium Salts.—Interest in the market for the chloride continued to be concerned with conservative quantities, and the prices were without change. There was little to report in the hydrate and nitrate, with the demand restricted within a narrow range, but no change was uncovered in the quotations. The call for carbonate was fair.

Bleaching Powder. — This situation presented little change from last week, with the shipments moving against contracts with a good degree of regularity and the prices were held firm. The firm price tone could be traced in part to the good volume of business on the books for forward delivery.

Blue Vitriol.—Continuance of a broad demand was noted in this direction during the week just closed, with the prices displaying a firm tone. And the movement thus far this year has exceeded expectations, with the seasonal volume above that for the previous year. And a firm tone was in evidence, with a good portion of the firmness due to the presence of a similar tone in the basic commodity.

Calcium Chloride.—Some betterment was reported in this market during the period just ended, with the price tone developing a slightly firmer tendency. And producers were said to have a good volume of business on the books for delivery during the June month.

Chlorine.—There was a broad buying movement in prominence in this direction, with the shipments moving against contracts at a pace sufficient to give the market a decidedly firm appearance. And producers reported a good volume of business on the books for forward delivery.

Cobalt Sulphate.—An advance of 5c. per pound was noted in this product, with sellers quoting the price of 51c. to 53c. per pound.

Copper.—The market for electrolytic copper continued to note a good demand throughout the week, with the price holding firm at 9½c. per pound delivered Connecticut Valley base.

Copperas.—A substantial inquiry was shown for this material, with the prices displaying a firm tone, and a portion of the firmness resulted from a favorable statistical position as far as surplus stocks were concerned. Steel mill operations were unchanged at 68½ percent of capacity.

Feldspar.—A good demand was noted for this product from the ceramic industry, and prices were firm.

Fluorspar.—This situation offered little change, with the demand still good, and stocks were said to be low, resulting in a decidedly strong tone. Good

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cobalt sulphate, 5c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.2

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

BARIUM SULPHIDE
BARIUM REDUCTION CORPORATION, CHARLESTON, W. VA.

Magnesium Silico Fluoride
JUNGMANN & CO., Incorporated
157 Chambers Street
BArclay 7-5129 New York

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

LARGEST BUYERS OF SURPLUS CHEMICALS
RAW MATERIALS BY-PRODUCTS
• FROM EVERY INDUSTRY •
12 YEARS FAITHFUL SERVICE TO MANUFACTURERS AND CONSUMERS
May we serve you?
BARCLAY CHEMICAL COMPANY, INC.
75 VARICK STREET • NEW YORK • N. Y.

CHEMICALS AND ALLIED PRODUCTS
EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
Warehouses and sales offices for Chemical and Allied Products located:
Kansas City, Missouri
St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
Memphis, Tennessee
Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

TENNESSEE
CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

SOLVAY

TRADE MARK REG. U. S. PAT. OFF.

PRODUCTS

To meet the need of American industry for a reliable domestic source of supply for certain raw materials, Solvay produces, in addition to its complete line of quality alkalies, the following products:

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK
Branch Sales Offices:
Boston Syracuse Chicago Indianapolis Cleveland
Cincinnati Pittsburgh Detroit Philadelphia
Kansas City St. Louis Houston Charlotte New York

demand reflected the high level of operations in the steel industry.

Magnesia Silicofluoride.—There was a good inquiry noted in this direction, and sellers reported prices continued to display a firm tendency.

Manganese Sulphate. — No change was uncovered in this market during the week just closed, with the usual buyers purchasing in a conservative fashion, and quotations for the various sorts were without change.

Nickel Salt. — Demand here was slightly slower, but the volume was satisfactory, especially after giving consideration to the tapering off taking place in the production schedules of the automobile industry. And prices were firm at the levels of the preceding period.

Potash Carbonate.—A highly irregular demand was shown for this commodity during the course of the period under survey, with the shipments moving in volume sufficient to cover for nearby requirements, but no change was disclosed in the quotations.

QUALITY UNIFORMITY SERVICE

OXALIC ACID

Guaranteed 99.75% pure or better

Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.

VICTOR CHEMICAL WORKS
141 W JACKSON BLVD., CHICAGO ILL.

Potash Caustic.—The soap trade as well as the chemical processors were withdrawing fair sized shipments, with the prices holding firm at previously established levels.

Potash Chlorate. — Indications were that the match trade and other usual consumers were adhering to the program of purchasing only when needs became urgent, resulting in highly irregular demand, but no change occurred in the prices.

Potash Permanganate.—There was a favorable call for water filtration purposes and other usual sources of consumption, and prices were steady to firm.

Saltcake. — The paper and glass trades continued to place a fair demand during the week just closed, with the market holding at the prices in force previously.

Soda Acetate.—This market revealed little change from recent weeks, with the shipments moving out at an irregular pace, and prices were steady to firm.

Soda Ash.—A steady tone continued to rule in this market, with the routine shipments resulting in a substantial total, although the market appeared quiet at frequent intervals. Call came from divers directions.

Soda Caustic.—The approach of the month-end was a factor slowing down demand in this market, with the usual consumers apparently covering when needs became urgent, but the high level of activity in some directions offset the slack in evidence in certain industrial units due to seasonal influences, with the result the total movement for the week was encouraging.

Soda Chlorate.—A good inquiry was registered for this product, which is used for weed killing purposes, and prices ruled firm.

Soda Cyanide.—Platers were withdrawing representative shipments of this article, with the market featured by the presence of a firm tone.

Soda Metasilicate.—This market continued to be subjected to keen competitive conditions, with the market noting a fair demand from the laundry trade, and no change was shown in the open schedule.

Soda Phosphate. — The irregularity with which orders were reaching this market clearly indicated that buyers of the di-basic and the tri-basic items were practicing the hand-to-mouth policy, and sellers were asking the quotations in effect previously in both instances.

Soda Silicate.—Despite the highly irregular call, with the textile trade and other usual consumers apparently purchasing for immediate production wants only, sellers reported the market

NICHOLS Copper Sulphate

TRIANGLE BRAND

Recommended for its Purity and Uniformity

99% Pure

Nichols Triangle Brand Copper Sulphate is offered in Large or Small Crystals and Pulverized. Packed in new clean barrels or kegs, 450 lbs., 250 lbs. and 100 lbs. net.

NICHOLS COPPER COMPANY
Unit of the Phelps Dodge Corporation
Sales Offices: 40 Wall St., New York, 230 N. Michigan Ave., Chicago
Works: Laurel Hill, N. Y., El Paso, Texas

retained a steady to firm price appearance.

Soda Silicofluoride.—The position of this market was unchanged, with the inquiries reaching the market at good pace, but the limited amount on hand tended to give the market a firm price tone.

Soda Sulphide.—Demand here was fair again last week, and prices ruled at the levels in effect for sometime past.

Tin Salts.—The prices for the various tin salts displayed a steady tone, with the steadiness due to the continuance of a like tone in the basic metal. The International Tin Committee postponed action on the third quarter quotas for exports until June 25 at Paris. The reason for the postponement was due to the desire for more time to study the Bolivian situation, in order to determine whether that country intends to make up the underproduction of 7,000 tons. The present tin quota stands at 85 percent, having been reduced from 90 percent. The world visible stocks of tin at the end of April, 1936, were 15,956 tons, against 17,336 tons at the end of March. Consumers' stocks continue to increase, the total increase in the year ended March, 1936, being approximately 8,500 tons, against a decrease of about 7,000 tons in the previous 12 months. According to statistics given in the May issue of the International Tin Research and Development Council, reports the world apparent consumption of tin in the year ended March 31, 1936, was 147,877 tons, representing an increase of 25,529 tons, compared with the previous twelve months. World production in the year to March, 1936, was 145,164 tons. The total consumption of tin in March, 1936, was 13,424 tons, this figure being the highest reached since the peak month of 1935 (September, 13,693 tons). The production and consumption of tin in the first quarter of 1936 were in very close agreement, the figures being 38,400 tons and 38,139 tons, respectively. Out of fifteen countries which used more than 1,000 tons, Germany alone showed a decrease in the year ended March, 1936. Substantial increases are recorded for the United States, 37.2 percent; Holland, 38.9 percent; Czechoslovakia, 28.5 percent; Russia, 23.7 percent; Switzerland, 16.7 percent; The United Kingdom, 15.6 per cent; Belgium, 14.9 percent; India, 13.6 percent; and Sweden, 11.8 per cent.

Acids

Business in the acids continued at a highly irregular pace during the week just closed, with the call indicating that consumers were withdrawing for immediate production requirements in the majority of instances. Sellers reported that prices generally were steady to firm. Sulphuric acid demand was fair at times during the week, with no change in quotations. Steel mill operations were at the level of the previous week, but some curtailment was apparent in the production of automobiles. The market for chromic acid was firm, but platers were exercising a more conservative buying policy. The market for oxalic acid was firm from a price standpoint, with some sizable commitments in evidence. The buying of boric and battery acids was strictly routine. The call for muriatic and nitric acids continued along moderate lines.

Acetic.—Business here continued at a fair pace, with the shipments indicating that consumers were covering for immediate needs, and prices ruled at the levels of the previous week.

Battery.—There was little to report in this market, with the dealings strictly routine, and prices were well maintained.

Boric. — This market offered little variation from recent weeks, with the shipments moving forward at a fair pace, and quotations were in line with previous values.

Chromic.—Platers were withdrawing a fair amount of material, with the operations in that trade at representative levels, and quotations were decidedly firm.

Formic.—This product enjoyed a fair demand again last week, with the usual consumers furnishing the interest, and prices ruled at the levels of the preceding period.

Lactic.—Tanners were withdrawing supplies in a rather slow manner, but the call from other directions was fairly good, and prices were in line with previous values.

Muriatic.—While the demand side of the market was irregular, with the shipments moving out in conservative volume, quotations were without change and a firm tone was in evidence.

Nitric.—Conditions here showed little change, with the demand characterized as fair, and a firm tone governed the dealings.

Oxalic.—Some fair sized commitments were noted here, with the total movement for the week reaching a substantial volume, and prices were well sustained.

Sulphuric.—This market noted an irregular call, for some industries were curtailing operations under seasonal influences, and other trades were purchasing in a manner indicative of hand-to-mouth buying, due to the near approach of the depressing seasonal influences. However, prices ruled steady. Steel mill operations were at 68½ percent of capacity and the automobile trade was cutting down operations. Textile industry was faced with the in-between season in a number of the units, as well as labor difficulties in certain branches of the trade.

BALTIMORE, May 27.—Nothing developed during the last week that might have served to modify conditions in the market for sulphuric acid as far as the manufacturers of fertilizer mixtures are concerned. The lateness of the season for shipping mixtures has served to retard such additional demands for acid as might have manifested themselves, and to this extent the market may be characterized as quiet. The demand from other directions is just about what might have been expected, but because of the delay experienced in the movement of fertilizers the requirements in this direction have been smaller than they might have been and this has worked to arrest any stiffening in the quotations. The producers of acid, for their part, have adhered to their quotations, taking the view that the demand would not have increased with any marking down of the figures, because of a prevailing indisposition to go beyond provision for the requirements in the way of acid that could reasonably have been looked for. The figures named are still at $12 per ton for 60 degree and at $15 per ton for 66 degree acid. Oleum, was quoted at $16.82 per ton for 20 percent stocks.

Insecticides

A broad seasonal demand was noted in the market for the agricultural insecticides and fungicides during the week just closed. Prices generally were steady to firm. Arsenicals were under seasonal influences. Government cotton crop report stated that temperatures were near normal in most of the cotton belt. Precipitation was substantial to heavy in the western portion but there were only local rains in central and eastern districts. In general, this week was favorable in the west and unfavorable, because of dryness, in the east, especially from the central portion of Tennessee and Alabama eastward. Nicotine sulphate continued to display a steady tone.

Bordeaux Mixture.—Demand here continued at a fair pace during the week, and a firm tone was in prominence.

Calcium Arsenate.—There was a good volume of material moved in this direction, and prices were without change.

Lead Arsenate.—A favorable seasonal movement was noted here during the week, with a firm tone evident.

Lime Sulphur Solution. — Business here showed little change during the week, with the call fair, and quotations were steady to firm.

Magnesium Production in 1935

The quantity of new magnesium ingot sold or used in the United States in 1935 was 4,241,218 pounds, reaching almost the record figure of 4,249,838 pounds in 1934, according to a survey of the industry by the United States Bureau of Mines. The value was slightly higher than the preceding year, increasing from approximately $1,100,000 to $1,270,000. The entire domestic output of primary magnesium was obtained from magnesium chloride recovered as a joint product of the salt wells near Midland, Mich.

Industrial Alcohol Data

Ethyl and denatured alcohol production, withdrawals, removals, transfers, and month-end warehouse stocks for the month of April, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of twenty-four plants producing ethyl alcohol, and thirty-two plants producing denatured alcohol, were as follows:—

Ethyl Alcohol

	Proof gallons.
Production	11,948,243
Withdrawn, tax paid	2,440,765
For hospital, scientific and educational use	138,738
For United States and subdivisions	34,408
For export	30,780
For denaturation	9,973,932
Transferred to vinegar plants	36,911
Warehouse losses	33,065
Stocks April 30	21,224,206

Denatured Alcohol

	Wine gallons—Completely.	Specially.
Production	489,252	5,464,188
*Removed	392,591	5,508,371
Stocks, April 30	1,274,874	502,315

* Including amount shipped to bonded dealers.

According to the reports from sixty-six bonded dealers, 290,024 wine gallons of specially denatured alcohol were received from the denaturing plants in April. There were 300,474 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 8,434 wine gallons. Stocks on hand at the end of April totaled 358,742 wine gallons.

The above figures are subject to change upon audit of reports rendered to the Department.

"DEAD-ON THE COURSE"

We check our position much more frequently than a master mariner does. The processes producing Diamond Quality Alkalies are CONSTANTLY under the expert supervision of laboratory technicians. Every batch that leaves the process,—every shipment that leaves the plant,—is uniform in purity and strength . . . that's why Diamond Brand is known throughout industry as a consistently safe and satisfactory alkali specification.

DIAMOND ALKALI CO.
Pittsburgh, Pa. and Everywhere

ALKALI

DIAMOND PRODUCTS
58% Soda Ash, Bicarbonate of Soda, 76% Caustic Soda, Carbon Tetrachloride, Diamond Soda Crystals, Modified Soda, Special Alkalies, Liquid Chlorine

DIAMOND ALKALIES

American I.G. Chemical Earnings at $3,302,939

Net earnings of the American I. G. Chemical Corporation for the fiscal year ended March 31, 1936, after interest charges, taxes and general expenses, amounted to $3,302,939, according to the seventh annual report of the corporation. This compares with $2,527,687 for the previous year.

Total income amounted to $5,155,959, leaving a net profit before debenture interest of $4,734,882 or 3.31 times interest requirements as compared with $3,990,884 or 2.73 times such requirements in the previous year. Earnings are equivalent to $4.17 on each share of A common stock and 42c. on each share of B common stock outstanding as compared with $3.22 and 32c. per share respectively during the prevous fiscal period. The net adjustment of marketable securities to the lower of cost or market, representing writedowns on securities in the amount of $859,635, was deducted from capital surplus. An increment of $276,800 resulted from the conversion of $410,000 of the corporation's debentures. Capital surplus thus totalled $13,791,648. Having retired and cancelled during the previous fiscal year $3,783,000 face value of the corporations 5½ percent convertible debentures, a retirement fund for the corporation's outstanding debentures was created and an initial appropriation for this purpose of $261,380 made.

Of the net earnings of $3,302,939 for the past fiscal year, $3,041,559 was transferred to earned surplus which totals $9,938,227. The balance of $261,380, of the net earnings was transferred to an appropriated earned surplus for debenture retirement. Total surplus thus aggregated $23,991,254.

In April, 1935, a regular annual dividend of $2.00 per A common share and 20 cents per B common share and an extra dividend of 50 cents and 5 cents respectively were distributed out of earnings from the previous fiscal year. From the earnings of the fiscal year under review were distributed a regular dividend of $1 on the A common shares and 10 cents on the B common shares in December, 1935, and a further regular dividend of $1 and 10 cents together with an extra dividend of $1 and 10 cents respectively, were declared in April, 1936, payable May 6, 1936.

Glyco Offers New Emulsificant

The Glyco Products Company is introducing a new emulsifying base, "Trigamine," which will replace triethanolamine in most cases, according to the company. "Trigamine" is a liquid, almost water white and with a pleasant odor. It is somewhat more viscous than triethanolamine and is completely soluble in water, glycols, glycerine, and 50 percent alcohol. It is immiscible with organic solvents and is non-hygroscopic at ordinary humidities and non-volatile up to 100 percent. It forms soaps with the usual fatty acids such as stearic and oleic and the soaps do not darken or yellow with age. It can be used as a dispersing agent for casein and shellac in water replacing alkalies and giving a much more flexible film. Emulsions made with it are of interest to the textile, paper, leather, cosmetics, agricultural sprays, polishes and other industries.

Swann & Co. Interested In New Caustic Process

Reports that Swann & Co., chemical manufacturer, Birmingham, Ala., was showing an interest in the Autoxygen process of making crystalline anhydrous caustic soda was confirmed by C. O. Assmus, vice-president of Autoxygen, Inc., research chemists, this city, owner of the process.

Mr. Assmus stated that the process consists in evaporating concentrated caustic solution at low temperature (well below the fusion point of sodium hydroxide) by evaporation with an immiscible solvent, into which a concentrated lye is sprayed. By this partial pressure distillation, Mr. Assmus said, both the solvent and the water from the caustic liquor are driven off below their respective boiling points and at this low temperature the caustic crystallizes, the speed of evaporation and of agitation controlling the size of the crystals formed. Dr. Vaman Ramachandra Kokatnur, director of research for Autoxygen, Inc., and C. O. Assmus, vice-president of the company, were in Birmingham recently conferring with Dr. R. R. Bottoms, head of research for Swann & Co.

German Chemical Exports Show Decreasing Volume

German exports of chemicals and allied products developed signs of weakening in the first quarter of this year, although the total value of the outgoing shipments, 170,986,000 marks, was 7 percent above that for the first quarter of 1935, according to information received by the Department of Commerce from the consul at Frankfort-on-Main. The volume, however, dropped 11 percent, primarily because of a large drop in exports of potash.

The exporting trend varied considerably among the several basic commodity groups. In the case of heavy and industrial chemicals, although the volume expanded to a new high of 290,822 tons, the total value touched a new low of 36,497,000 marks. The two principal potash and nitrogenous fertilizer groups showed contrary trends, potash declining over 50 percent in volue and 20 percent in value, while nitrogenous fertilizer increased 14 percent in volume and 32 percent in value.

Figures for the quarter were 159,544 metric tons of potash, valued at 8,671,000 marks, and 234,500 tons of nitrogen, valued at 20,187,000 marks. Medicinal preparations registered a negligible loss in value to 23,347,000 marks and a notable gain in volume to 1,320 tons, the lessened value for the first time interrupting the steady upward climb recorded during the last several years.

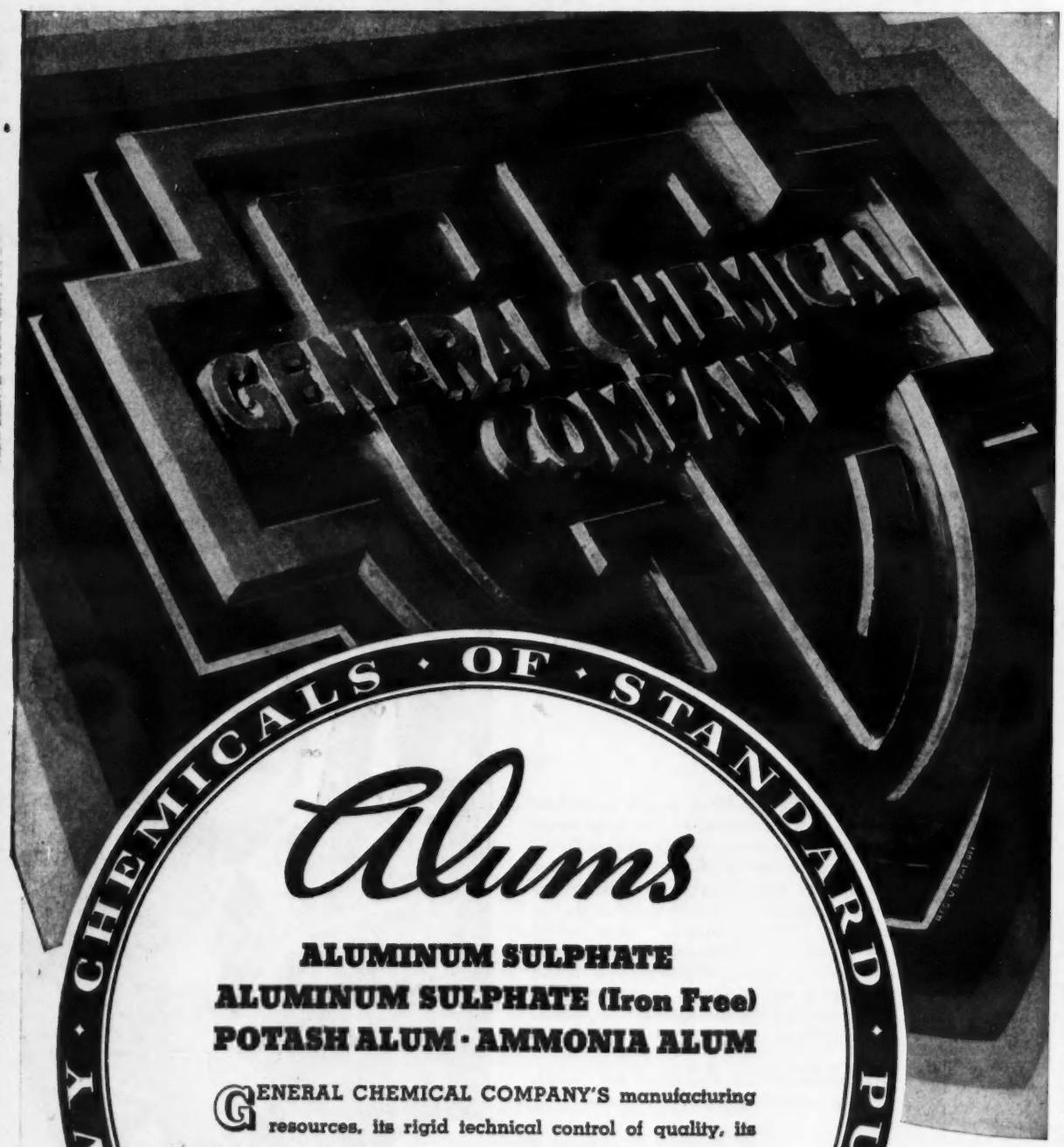
Exports of dyestuffs gained 10 percent to 8,974 tons, valued at 33,062,000 marks. Coaltar products also showed substantial increases. Exports of pigments, paints, and lacquers showed expansion, somewhat more pronounced in volume than in value, a total of 16,756 tons, valued at 10,176,000 marks, having been shipped in the quarter.

The annual reports of large German chemical companies for 1935, becoming available during the first quarter of 1936, almost without exception, showed marked increases in total turnover but with nothing like corresponding increases in net profits. This disparity between gross and net incomes reflects the heavy financial burdens placed upon industry in increased taxes, export subsidization imposts, higher cost of imported materials, higher costs of domestic substitute materials, and the general increase in cost of doing business for achieving maximum labor employment, rearmament, and independence from foreign raw materials. Some companies nevertheless were able to increase their dividends, but the increases were small compared with the total increase in gross income. All dividend increases above 6 percent and all dividend amounts above 8 percent, regardless of whether increases or not, had to be paid into a compulsory government loan.

Caustic Soda Freights Cancelled

The New York Public Service Commission has approved cancellation of commodity freight rates as follows:—

By the Baltimore & Ohio railroad, of commodity freight rates on caustic liquor and caustic soda, from Salamanca and Buffalo stations, to various points. Advanced to class rates. Effective June 15.



Alums

ALUMINUM SULPHATE
ALUMINUM SULPHATE (Iron Free)
POTASH ALUM · AMMONIA ALUM

GENERAL CHEMICAL COMPANY'S manufacturing resources, its rigid technical control of quality, its nationwide distribution and service are companion factors. In combination, they explain why the General Chemical Company name and trademark is recognized as the sign of a dependable source of supply.

ADDRESS YOUR INQUIRY TO SALES OFFICE NEAREST YOU

GENERAL CHEMICAL COMPANY

Home Office: 40 RECTOR ST., NEW YORK (Cable Address: Lycurgus, N. Y.)

Sales Offices: ATLANTA, BALTIMORE, BOSTON, BUFFALO, CHARLOTTE, CHICAGO, CLEVELAND, DENVER, KANSAS CITY, LOS ANGELES, MINNEAPOLIS PHILADELPHIA, PITTSBURGH, PROVIDENCE, SAN FRANCISCO, ST. LOUIS. In Canada: THE NICHOLS CHEMICAL CO., LTD., MONTREAL, TORONTO

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES

Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda
Spraying and Dusting Materials

Immediately available in any amount

We will gladly advise you on particular problems

MECHLING BROS. CHEMICAL COMPANY
PHILADELPHIA CAMDEN, N. J. BOSTON, MASS.

Coaltar Chemicals

Refined Naphthalene Continues in Broad Seasonal Demand — Cresylic Acid Prices Strong — Creosote Oil Firm — April By-Product Output Shows Gain—Toluol Active

Business in the market for the coaltar chemicals continued at a good pace during the week just closed. Manufacturing consumers continued to order out supplies on the basis of actual production requirements, with operations in a number of instances at relatively high levels. Benzol, toluol, xylol and solvent naphtha contracts have been continued for the last half of the year. Intermediates and colors were in fair demand.

The active feature in the market was refined naphthalene, with the full seasonal demand being felt, and the market for the crude material continued to be somewhat confusing as far as prices were concerned. There seemed to be a wide difference in price views between buyers and sellers. An important factor to be considered in the naphthalene market is the domestic recovery, which was said to have approached record proportions. And this situation has been brought about by the development of the shortage in the latter part of December in foreign countries. Benzol, toluol, xylol and solvent naphtha contracts have been extended for the last half of the year. Cresylic acid was short. Creosote oil was active.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	126.4	126.2	122.6

Market news that may have developed after this report was sent to press will be found on page 2.

Coke production in the United States increased substantially in April, to the highest level since October, 1930, according to the Bureau of Mines. The daily output of 118,939 tons, from beehive and by-product ovens was 8.8 percent above that of March and 29.9 percent above April a year ago. The production of by-product coke for the 30 days of April amounted to 3,466,417 tons, or 115,547 tons per day. Compared with March, the daily rate advanced 10 percent. Increased activity at blast furnaces resulted in a gain of 21.7 percent in the daily production of pig iron. Responding to this activity, coke production at furnace plants rose 14.0 percent, while at merchant plants the gain amounted to 1.0 percent. The output of beehive coke on the other hand, declined from 109,300 tons in March to 88,200 tons in April. The decrease in daily production amounted to 19.3 percent. Stocks of byproduct coke at furnace plants declined 10.4 percent during the month and were the lowest since the beginning of the record in 1928. Stocks at merchant plants, which had been reduced to unusually low levels by the active demand for domestic coke during the winter, showed the normal seasonal increase.

Coking coal charged in by-product ovens amounted to 4,992,997 tons as compared with 4,688,171 tons in March and 3,861,891 tons in April, 1935. The total for the year to the end of April amounted to 18,968,066 tons as compared with 16,166,873 tons in the same period, 1935. Benzol production was 8,543,000 gallons as compared with 7,782,000 gallons in March and 5,807,000 gallons in April last year. Total to the end of April was 31,453,000 gallons as compared with 24,629,000 gallons in the same period a year ago. Ammonia sulphate, or its equivalent, was 55,212 tons as against 51,614 tons in March, and 40,942 tons in April a year ago. Total to the end of April was 208,980 tons as against 170,803 tons in the similar period a year ago. Tar yield was 46,035,432 gallons in April; 43,224,936 gallons in March, and 35,607,625 gallons in April last year. Total for the end of April was 174,885,568 gallons as against 149,068,599 gallons in the similar period a year ago. Light oil output was 14,479,691 gallons in April; 13,595,695 gallons in March and 11,208,483 gallons in April, 1935. Total to the end of April was 55,007,391 gallons as compared with 46,883,931 gallons in the same period, 1935.

Basic Products

Benzol.—There was a good demand in evidence here during the week just closed, with the usual buyers ordering out supplies in volume sufficient to care for immediate production requirements, and the prices were regarded as firm at the levels in force previously. Steel mill operations were reported at 68 percent of capacity by Iron Age, and the continuance of the level of the preceding week was due to the demand from miscellaneous sources, offsetting the letdown in the buying by the automotive industry. Stocks of by-product coke at furnace plants declined 10.4 percent during the month and were the lowest since the beginning of the record in 1928. Stocks at merchant plants, which had been reduced to unusually low levels by the active demand for domestic coke during the winter, showed the normal seasonal increase. April recovery of benzol amounted to 8,543,000 gallons as compared with 7,782,000 gallons in March and 5,807,000 gallons in April last year. For the calendar year to the end of April the total was 31,453,000 gallons as compared with 24,629,000 gallons in the corresponding period a year ago.

Creosote Oil.—A good inquiry continued to be received for this material during the week just ended, with the shipments moving forward to the major railroad systems and the public utility companies with a good degree of regularity, and the prices were steady to firm at the levels in force previously.

Cresylic Acid. — A firm tone was prominent in this direction, for the material continued in short supply, both here and abroad. The shortage was an aftermath of the heavy demand having been placed by the synthetic resin industry and the other usual channels of consumption.

Naphthalene.—There was a mixed market as far as price views were concerned, with the confused price situation causing the majority of quarters to regard the price position as strictly nominal. And the nominal position seemed to indicate that it was a question of supplies. Some quarters were of the opinion that the position of the market as far as stocks were concerned abroad was somewhat improved, plus the fact that the domestic recovery has been larger than has been noted in some years. Refiners continued to enjoy a good demand for their product, with the seasonal demand in full swing, and the prices were firm.

Phenol.—A good inquiry continued in evidence for this material during the course of the week under survey, with the shipments moving out in volume sufficient to give the market a decidedly firm tone. Synthetic resin makers as well as the pharmaceutical trade and other routine consumers were supplying the call.

Solvent Naphtha.—A representative demand was noted for the industrial water white commodity during the week just ended, with the shipments reaching a total that absorb the current production, and prices were decidedly firm. The call for the high flash was good, and prices were firm.

Toluol.—A good inquiry was noted for this material during the week, and prices were held unchanged. Some tapering off was reported in the production of automobiles, but the volume of output thus far in 1936 is the largest on record for some years.

Xylol.—Demand was good here, and prices held firm. In fact, the volume moved absorbed the current production. And contracts were being renewed for the last half of the year on the same basis as the current contract.

CHICAGO, May 28.—An easier tone is reported in the benzol market, both as to industrial material and motor grade. Otherwise the coaltar bases are firm and about unchanged, with a good movement reported on virtually the entire list. Some benzol has moved at somewhat lower prices, enough to give the whole market a slightly lower average price base. Creosote oil and other materials are holding in good tone. Ruling prices exclusive of tax are:—Benzol, 90 percent, 17c. to 18c. per gallon; motor benzol, 12c. to 13c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Broenner's.—Demand here was quiet during the week just ended, with the prices holding firm.

Cleve's.—There was little to report in this market, with the usual con-

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 4

CHEMICALS

BARRETT

Barrett CHEMICALS

TAR ACIDS

Barrett Tar Acids are produced to meet highest standards of quality, uniformity and dependability. Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.

PHENOL

(Natural) U. S. P, 39.5°C. and 40°C. Minimum Melting Points are pure white crystalline products generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.

39° C. M. M. Pt. Technical approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopœia specifications.

82-84 per cent and 90-92 per cent Technical — grades which contain limited amounts of Ortho, Meta and Para Cresols.

CRESOLS

U. S. P. Barrett Cresol U. S. P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.

Meta Para Cresol. Standard grades having boiling ranges of 3°C. and 5°C. with Meta Cresol content 54.5 per cent and 52 per cent minimum respectively.

ORTHO CRESOL

Minimum Melting Point 30.4°C. Also special Cresol Fractions to meet users' specifications.

CRESYLIC ACID

99 per cent, straw color, and 95 per cent, dark, grades of various distillation ranges, depending on requirements

XYLENOLS

Boiling range 210-225°C. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).

TAR ACID OILS

Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consulation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

sumers supplying what little activity was in evidence, and prices were firm.

Gamma.—Interest here continued to be concerned with nearby requirements, and the price tone was firm at the levels in effect previously.

Salicylic.—This market offered little change during the week just closed, with the shipments moving forward at a fair pace, and the price tone continued toward a firm level.

Succinic.—Nothing of importance occurred in this direction, with the usual consumers supplying the interest, and prices were well sustained.

Tobias.—A representative call was in evidence here at times during the week, and a firm tone was in prominence.

Other Intermediates

Alphanaphthol.—This market experienced a fair call, with a firm tone in evidence.

Anilin Oil.—Shipments continued to move forward in good volume during the period under review, and sellers reported quotations at the levels of the preceding period.

Betanaphthol.—Shipments were moving forward in substantial volume during the week just closed, with the prices holding firm. In fact, sellers reported that shipments were up to contract allotments.

Dinitrobenzene.—This market continued to enjoy a fair call throughout the week, and prices were held steady to firm.

Dinitrotoluene.—Nothing new developed in this direction, with the shipments moving out at a fair pace, and the quotations were held steady to firm.

Metatoluylenediamine.—A slow call continued to characterize this market from a demand standpoint, but the steady to firm price tone remained undisturbed.

Nitrobenzene.—Shipments continued to move out at an irregular pace, but the volume for the week reached an encouraging level, and prices were well sustained.

Orthonitrobenzene.—A strong tone was in prominence in this direction, with shipments moving forward at a good pace, and prices were unaltered.

Phthalic Anhydride.—No slackening was apparent in the call here, with the contract shipments sizable, and a firm tone was in evidence.

Toluidin.—Although the call here was limited to immediate needs, sellers reported prices were firm.

Xylidin.—This market was much the same as the preceding period, with demand irregular and prices steady.

Coaltar Colors

The market for the coaltar colors displayed a steady to firm tone, with the shipments moving forward at an irregular pace. In addition to some textile units entering their dull season, some branches of the textile trade were being hampered by labor unsettlement, particularly in the Providence district. The cotton cloth industry was reported to have noted a sales volume slightly under production, and the processes of curtailment were noted in some units of the cotton cloth trade. The lighter shades continued as the prominent products in demand, and prices were steady. The call for dyes entering stains was said to be fairly good, with the demand influenced by seasonal factors, and prices were regarded as steady to firm.

Dye Sales to Fur Dyers Not Subject to N.Y. Tax

Sales of chemicals and dyestuffs to a dyer for use in dyeing furs are not subject to the 2 percent tax imposed on retail sales in this city. This is the ruling of the appellate division of the State court in an application by the Mendoza Fur Dyeing Works, Inc., for a certiorari order against Frank J. Taylor, city comptroller.

The court reversed the city comptroller, holding that the buyer was not required to pay the city sales tax, nor was the chemical manufacturer (seller) liable for its collection. The comptrolller was ordered to refund the tax so paid.

The reasoning of the court was, in part, that chemicals used in the dyeing of furns "maintain their tangible character after the completion of the dyeing process" since they are "percentible to the sense of sight" and "cognizable by the senses." Hence they are "tangible and corporeal" property, which is in fact resold by the furrier to the public as part of the finished fur. Hence, the court argued, the sale by the manufacturer to the dyer was not a sale to a consumer, but a sale for purposes of resale and therefore not within the scope and intent of the New York city sales tax law.

The court compared the case to a sale of materials to bookbinders and of chemicals and dyes to a garment manufacturer to be used in a garment. It felt that since such sales were exempt from the sales tax, taxing sales to fur dyers was discriminatory.

This decision, unless appealed to the highest court and reversed, is final on the question. In the opinion of Mitchell M. Shipman, counsel to a number of chemical and paint concerns, who has commented on the ruling, it may serve as a precedent to secure the exemption of retail sales of chemicals and dyestuffs used for purposes similar to fur dyeing.

Chemical Developments Of the World in 1935

(Continued from page 26)

trend away from dependence upon a few foreign countries for certain essential chemicals continued, and many new chemical plants were erected in various parts of the world. New chemical products were introduced on foreign markets, but to somewhat lesser extent, although research was intensified, particularly in European countries, to create satisfactory synthetic products to replace imported natural raw materials. The international chemical trade indicated volume gains, according to incomplete returns; but prices were generally lower because of greater competition in all foreign markets, and profits were consequently curtailed. Competition from Russian and Japanese chemicals was lessened in some lines in 1935, but that from German products, however, was more active. These latter products were at an advantage in many markets as a result of the German Government's control of all that country's foreign trade, its reduction of imports to a minimum, and the frequent sale of chemicals at relatively low values in exchange for other products or to release frozen credits.

Governmental and private agreements continued; and, as in preceding years, many chemical products were put under import quotas. In many instances duties were removed or reduced on imports of chemical products, especially raw materials. Exports of a few products, however, were prohibited. World chemical cartels effectively controlled the exports of many products, as in the past, by including additional countries.

Because of the frequent changes in methods of limiting or controlling foreign trade, no attempt is made in this publication to discuss these matters in detail; and only where the effect has become evident is any mention made of their existence. Persons interested, therefore, should write direct to the Bureau of Foreign and Domestic Commerce for the most recent information on the subject.

The keynote in chemical producing countries was greater production, in line with the general movement toward preparedness for national emergencies; in some instances a stricter control of the sale of basic raw materials resulted from the realization of the importance of these commodities in world industry. Some countries prohibited the exportation of anything but the finished product so as to retain a world monopoly of certain materials, as in the case of the prohibition on exports of carnauba and oiticica oilseeds from Brazil, in order to prevent planting outside the country.

Recognition by some foreign countries of the need to improve and standardize the quality of raw materials—as asafetida and henna by the Iranian (Persian) Government, to quote but one example—was evident.

As in 1933 and 1934, countries manufacturing goods largely for export continued in general to feel the adverse conditions more keenly than the importing countries felt them, but the slight increase in world consumption nevertheless benefited the exporting countries.

Although production data are lacking, the United States continued to hold its position as the world's largest producer and consumer of chemicals, and Germany remained the largest chemical exporter. Total exports attained a value of $1,063,400,000, and imports totaled $1,178,112,000 (conversions having been made at the revalued United States dollar).

Different countries export varying percentages of their output. Germany and Switzerland, for example, export from 50 to 90 percent of their production of certain major chemicals, such as dyes and medicinals; Sweden exports 10 percent of its chemical production; the United Kingdom exports 20 percent, and Canada, 14 percent. Other countries, particularly some of the agricultural countries—for example, Australia and the Union of South Africa—produce only for their own consumption, unless they possess some outstanding commodity for which there is a world demand and limited or no output in other localities, such as calcium nitrate in Norway and pyrites in Portugal.

With the exception of the Italian-Ethiopian situation, which affected chemical markets in a few consuming countries for a short period, there was no unusual development in the chemical trade of the year.

Special Developments

Following the general review the report gives concise information covering 1935 with reference to agreements and cartels, domestic and international, governmental aids to industry, new uses and commodities, and new sources of raw materials, presenting these and a great range of other information on the whole field of chemicals and related products in nearly half a hundred countries.

* World Chemical Developments, in 1935. Trade Information Bulletin No. 832 of the Department of Commerce. Copies may be procured from the Superintendent of Documents, Government Printing Office, Washington, or at district offices of the Bureau of Foreign and Domestic Commerce, at 15 cents each.

Oils, Fats Taxes for Imports, Processing

(Continued from page 27)

tariff act of 1930 (providing duty-free entry when denatured), sunflower-seed oil, rapeseed oil, kapokseed oil, hempseed oil, and their fatty acids, whether or not refined, sulphonated, sulphated, hydrogenated, or otherwise processed and mixtures of them.

Two cents per pound on the importation of hempseed, rapeseed, sesame seed, kapokseed.

Processing Taxes

Three cents per pound on the first domestic processing of coconut oil, palm oil, and palmkernal oil, whether or not refined, sulphonated, sulphated, hydrogenated or otherwise processed and their salts and fatty acids, and mixtures containing any of them.

This is a revision of section 602½ of the revenue act of 1934, and removes the existing exemption for palm oil used in the tinplate industry.

In adopting the amendment the committee eliminated proposals of Senator Bailey to impose import taxes of 4½ cents per pound on perilla and tung oils; 2 cents per pound on perilla seed and tung nuts, and ⅝ cent per pound on fish scrap, fish meal and other marine animal scrap and meal.

This amendment means that, if it is finally adopted, whale oil, fish oil, and marine animal oil will continue to be taxed at 3 cents per pound as under the 1934 act; the tax on tallow and inedible animal grease will be increased; sunflower-seed and sesame oils will be transferred from the processing tax to the import tax section; the tax on sunflower-seed oil will be increased from 3 cents to 4½ cents. At present edible sesame oil pays an import duty of 3 cents and denatured enters free, but both kinds are subject to a 3-cent processing tax; whereas, under the Bailey amendment, edible sesame oil will pay only the 3-cent import tax and denatured a 4½-cent import tax.

The compensatory tax in section 402 of the revenue act of 1935 would not be affected by the provisions of the Bailey amendment.

Fatty Acids From Coal To Be Made in Germany

The first plant for the commercial production of synthetic fatty acids from "limit" hydrocarbons from coal will be constructed at Witten, in the Ruhr, by a newly formed concern, the Deutsche Fettsaurewerke G.m.b.H., capitalized at 600,000 marks. Production will be started as soon as possible, according to information received by the Department of Commerce from the consul at Frankfort-on-Main. The new company is the joint subsidiary of the Markische Seifenindustrie Witten, credited with developing the new process, and the Henkel Company, dominant factor in the German soap powder and laundry soap industry.

The technical fatty acid production will be consumed by the soap industry, which has been seriously handicapped in recent times by the insufficient supply of imported oils and fats resulting from the foreign exchange shortage, necessitating restrictions on consumption of oil and fats for soap manufacture.

Chemical Foreign Trade of Leading Countries—1935 and 1934

(Figures for 1935 are preliminary; reduced to equivalent in United States dollars from the several national units; differences from previous tabulations result from changes in official figures or in units of conversion. In the case of Belgium, while the dollar conversion shows a decline in both imports and exports, the former advanced 9 percent in value and the latter 8 percent; Japan's dollar value shows a decline in imports, whereas there was an advance of approximately 20 percent; United Kingdom's dollar value of exports shows a decline, whereas there was an advance of 4 percent, percentages being worked out on the basis of the currency in use in the respective countries, and not in dollars.)

	Imports		Exports	
	1935.	1934.	1935.	1934.
Belgium	$39,530,000	$45,922,000	$49,400,000	$57,696,000
Germany	83,200,000	100,500,000	261,500,000	251,500,000
Japan	42,600,000	48,908,000	28,800,000	27,168,000
Netherlands	50,400,000	55,000,000	46,800,000	46,000,000
Switzerland	27,300,000	26,400,000	41,200,000	40,400,000
United Kingdom	101,800,000	105,052,000	118,700,000	123,400,000
United States	106,500,000	96,509,000	135,100,000	132,594,000

KOPPERS
BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE
KOPPERS PRODUCTS COMPANY
KOPPERS BUILDING PITTSBURGH, PENNA
Offices and Plants in Important Cities

J&L
benzol service
Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.
Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.
J&L LIGHT OIL DISTILLATES
Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*
J&L STEEL
JONES & LAUGHLIN STEEL CORPORATION
American Iron and Steel Works
PITTSBURGH, PENNSYLVANIA.

Dyestuffs and Textile And Leather Chemicals

Further Slackening in Demand for Dyestuffs —Tanning Materials Dull—Improved Call for Egg Products—Corn Derivatives Firm — Sulphonated Oils Highly Competitive

The market for dyestuffs and tanstuffs moved through an extremely quiet week. Despite the dull character of demand, sellers reported that prices generally were steady to firm. Manufacturing consumers were apparently holding down purchases to actual production requirements, and, with the in-between season in certain units of the textile and tanning industries, caused the slow call.

Reports from the textile industry were to the effect that some units were planning the usual seasonal curtailment, with the cotton cloth industry in particular showing an inclination to cut down operations, inasmuch as sales have been running below current output. At the same time reports told of labor unsettlement in certain textile Units in Providence, Rhode Island. However, the prices for fustic were steady, and the call for Dutch madder was dull, but the limited amount of material on hand tended to give the market price tone a decidedly firm tendency. Hypernic was quiet. Annatto and cochineal were slow.

Business in the market for the tanning materials reflected the hand-to-mouth policy. The call for mangrove bark and myrobalans was slow, but prices were well maintained. The active feature was quebracho, with shipments of fair sized moving forward early in the period under review, but the month-end tended to slacken buying interest. Divi-divi was nominal. And there was little to report in wattle bark, with the demand side in the doldrums. The prices for valonia continued in a nominal position, and this nominal price situation was due directly to the scarcity of material.

There was a betterment in the buying of the egg products, with reports in some quarters telling of the switching over to dry egg material from the frozen product, and in addition the ice cream trade appeared in the market for seasonal requirements. This improvement in the call for the egg products was a factor eliminating a good portion of the dealings between importers. Demand for the bichromates was fair. And the call for alumina chloride was fairly good at times during the week. Business in zinc dust was fair, with prices holding steady. Antimony salt moved through a dull week, but no change was disclosed in the price position of the market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.5	152.5	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 2.

Chemicals

Alumina Chloride.—This market continued to experience a good call throughout the week, with the prices displaying a steady tone. And the call originated in the pharmaceutical and dye trades and other routine channels of consumption.

Antimony Salt.—Regular consumers were purchasing supplies in a fashion indicative of the hand-to-mouth policy, but the price tone remained steady to firm.

Potash Bichromate.—A decidedly firm tone continued as the prominent factor in this market again last week, with the shipments moving out at an irregular pace against the contracts.

Potash Prussiate.—This market continued to enjoy a fair demand as far as the red was concerned, with the prices displaying a steady tone. And the call for the yellow article was fair, but no change was disclosed in the quotations.

Soda Bichromate.—A good demand was reported for this commodity at times during the week, with the irregularity in the buying attributed to the mixed character of the production schedules in the consuming industries, and no change was disclosed in the prices.

Sulphonated Oils.—This situation underwent little variation from recent weeks, with the shipments moving out at an irregular pace, and the market was still highly competitive. No change was noted in the open price schedules.

Zinc Dust.—The market continued quiet, but the prices remained steady. American Bureau of Metal Statistics reported April world zinc production at 130,968 short tons, against 132,662 tons in March and 120,353 tons in April, 1935.

Dyestuffs

Annatto.—This market offered little change from the previous weeks, with the demand made up of small quantities, and prices for the paste and seed materials continued steady.

Archil.—Business in the market for the various sorts of this material was much the same as the preceding period, with the call restricted to immediate wants, but the price tone remained firm.

Cochineal.—Buying of the Teneriffe silver and grey articles moved at a dull pace throughout the week, for consumers were not inclined to discard the hand-to-mouth policy, but the price tone remained steady to firm, with sellers naming the quotations in order previously.

Fustic.—This market offered little change, with the possible exception that demand was a pace shower, and sellers described the price tone as steady for the crystal and other sorts.

Hypernic.—Interest here continued to be concerned with limited quantities, but the market appeared steady at previous levels.

Indigo.—Orders were reaching the market for the synthetic material at a fairly good pace during the week, with the prices displaying a firm tone, and the call for the natural product continued to be confined to occasional small quantities, and the price tone remained firm.

Madder, Dutch.—Despite the lagging tendency shown on the demand side of the market, sellers reported the quotations in a firm position, and the firmness was due to the small amount on hand.

Sizing Materials

Albumen.—There was some improvement in the call for this material during the week just closed, with the better demand for the egg product giving the market an improved undertone, although the actual prices were unchanged. The call for the blood item was fair, and sellers were asking the quotations in order in the preceding period.

Dextrin.—Business in the corn derivatives was fairly good at times during the week, but the appearance of the month-end tended to cause a slackening in demand toward the latter part of the week, and prices were without change.

Egg Yolk.—An improved demand was in evidence in this market, with the betterment in the call eliminating a good portion of the speculative dealings among importers, and prices were slightly firmer at the levels of the previous week.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday June whole mixed futures closed at 16.85c. to 17.25c.; July 16.85c. to 17.40c; Aug. 17.00c. to 17.55c.; Sept. 16.85c. to 17.55c. Spot nominal.

Starch.—This market noted a good demand for the corn derivatives at intervals, and the market appeared in a firmer position, and this firmness could to a large extent be attributed to a reflection of the current price situation in the basic product. Other sorts noted an irregular demand.

Tanning Materials

Divi-Divi.—Business was extremely quiet during the week just ended, with the price listed nominally at $36 per ton.

Gambier.—The market for the common material was a rather drab affair, with the price about the same as the preceding period. And the market for the Singapore cubes and plantation item revealed that consumers were apparently interested in actual wants only, and prices were about the same as the previous week.

Mangrove Bark.—This market noted a highly irregular demand again last week, with the tanners remaining aloof from the dealings unless needs reached an imperative stage, and prices were firm.

Myrobalans.—Demand here reflected the attitude of consumers to refrain from purchasing supplies rather than for immediate production wants, but the prices for the J1 material as well as the J2 items and R2 article were without change.

Quebracho.—There was a fair demand in evidence for this material, with the price holding firm. And reports were that a fair volume of business was on the books for delivery during the June month.

Valonia.—A nominal price situation was still in existence, for supplies of the beards and cups were said to be negligible.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 4

Shellac Importers Golf And Keep Scores Secret

Members of the United States Shellac Importers Association and their guests gathered at the Wheatley Hills Golf Club on May 26 for a day of golf and other social diversions. Arrangements for the affair were made by John R. Anderson, of Argenti & Co., and all of those present were highly pleased with the manner in which Mr. Anderson had provided for their entertainment.

The gathering comprised the following widely known and prominent members of the shellac trade in this city: John T. Gillespie and Louis Gillespie, of the Gillespie-Rogers-Pyatt Shellac Company; P. A. Ralli and John R. Anderson, of Argenti & Co.; David Mulford and L. W. Babbage, of William Zinsser & Co.; James W. Byrnes, sr., James W. Byrnes, jr., and Donald McClintock, of the Mac Lac Company; W. W. Mills, of Irving Booddy & Co.; Leo Schuester and Adrian Jacobs, of Dings & Schuester; Arthur Lerden, of Alfred Kramer & Co.; Herbert Suhr, of E. J. Cornelius; Phillip Rowe; Ivan L. Darling and Henry Price, of France, Campbell & Darling; Morris Rosen, of the Mantrose Corporation; and Guy Carleton, of Carleton & Moffat. John R. Stoner, shellac operator, and Herbert M. Simon, an attorney, were guests.

The golf scores were kept a dark secret and only Mr. Anderson could say if they remained unpublished because they were so low that their accuracy might be called into question, or because they were so high as to make reading them a painful souvenir of an otherwise very pleasant occasion. The luncheon was excellent, and the dinner, which climaxed a happy day, was one long to be remembered by those present.

Glidden Sees Paint Increase

Adrian D. Joyce, president of the Glidden Company, paint and varnish manufacturer, Cleveland, O., who has just returned from a trip to Europe, predicted an increasing volume of the paint business during the year. He said it was evident that all of America is fast becoming paint-conscious in every branch of business and home life. Every department in his company has experienced a marked increase in orders for the past several months, he said, and this has given reason to believe the advance is based upon an economically sound demand.

MINERS REFINERS IMPORTERS
CLAYS INDUSTRIAL
"Colloidal Kaolin"—a smooth grit-free material is becoming the standard back filling agent in many of the largest cotton plants—Residue on 300 mesh 0.3%—Packed in paper bags.
Laboratory Testing Samples Gladly Sent
United Clay Mines Corporation
Trenton Dept. O New Jersey

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Fezan," N. Y.

DE HAEN'S FIXANAL PREPARATIONS
Time Savers for Normal Solutions. Sold by All Leading Laboratory Supply Houses
PFALTZ & BAUER, Inc., *Sole Importers*, Empire State Bldg., New York, N.Y.

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

SUCROSE OCTA ACETATE
ALCOHOL DENATURANT
FORMULA 23G
TRANSPARENTIZING AGENT FOR PAPER
TEXTILE STIFFENER
NON AQUEOUS ADHESIVES
Write for our SOA pamphlet
NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.

Mutual Bichromates
BICHROMATE OF POTASH ★ CHROMIC ACID ★ OXALIC ACID ★ BICHROMATE OF SODA
MUTUAL CHEMICAL CO. OF AMERICA 270 Madison Ave. N.Y.C.
Plants at Baltimore and Jersey City Mines in New Caledonia

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Four-Hundred-ninety-first Recapitulative-Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Hexadecylguanadin Hydrochloride

Building and Construction

Dispersing agent (Brit. 422461) in making—
- Emulsified waterproofing compositions

Chemical

Dispersing agent (Brit. 422461) in making—
- Emulsions of various chemicals
- Textile lubricants in emulsified form
- Wetting compositions in emulsified form

Cosmetic

Dispersing agent (Brit. 422461) in making—
- Emulsified cosmetics

Disinfectant

Dispersing agent (Brit. 422461) in making—
- Emulsified germicidal and disinfecting compositions

Dye

Dispersing agent (Brit. 422461) in making—
- Emulsified color lakes

Fats, Oils, and Waxes

Dispersing agent (Brit. 422461) in making—
- Emulsified boring oils
- Emulsified drilling oils
- Emulsified fat-splitting preparations
- Emulsified fatty acids of animal or of vegetable origin
- Emulsified greasing compositions
- Emulsified greasing and lubricating compositions containing various vegetable and animal fats and oils
- Emulsified preparations of natural and synthetic waxes
- Emulsified sulphonated oils
- Emulsified wire-drawing oils
- Emulsions of animal and vegetable fats and oils

Glue and Adhesives

Dispersing agent (Brit. 422461) in making—
- Emulsified adhesive preparations

Ink

Dispersing agent (Brit. 422461) in making—
- Emulsified printing and writing inks

Insecticide

Dispersing agent (Brit. 422461) in making—
- Emulsified insecticidal and fungicidal compositions
- Horticultural sprays

Leather

Dispersing agent (Brit. 422461) in making—
- Emulsified compositions for softening hides
- Emulsified dressing compositions
- Emulsified fat-liquoring baths
- Emulsified finishing compositions
- Emulsified soaking compositions
- Emulsified tanning compositions containing formocresylic or coumarone resins
- Emulsified waterproofing compositions

Miscellaneous

As a dispersing or emulsifying agent not precipitable by electrolytes and stable with respect to lime and magnesia

Dispersing agent (Brit. 422461) in making—
- Automobile polishes in emulsified form
- Emulsified cleansing compositions
- Emulsified compositions for cleansing painted and metallic surfaces
- Emulsified degreasing compositions
- Emulsified furniture polishes
- Emulsified greasing compositions
- Emulsified metal polishes
- Emulsions of various substances
- Waterproofing compositions in emulsified form

Paint and Varnish

Dispersing agent (Brit. 422461) in making—
- Emulsified shellac preparations
- Waterproofing compositions in emulsified form

Paper

Dispersing agent (Brit. 422461) in making—
- Emulsified compositions for sizing paper and pulp products
- Emulsified compositions for waterproofing paper and pulp compositions and paperboard
- Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 422461) in making—
- Emulsified cutting oils for screw-press and lathe work
- Emulsified mineral oils
- Kerosene emulsions
- Naphtha emulsions
- Petroleum pitch emulsions
- Petroleum tar emulsions
- Textile oils in emulsified form, such as rayon oils
- Soluble greases in emulsified form
- Solubilized emulsified oils and distillates

Plastics

Dispersing agent (Brit. 422461) in making—
- Emulsified plastic compositions

Resins

Dispersing agent (Brit. 422461) in making—
- Emulsified preparations of natural and synthetic resins

Rubber

Dispersing agent (Brit. 422461) in making—
- Emulsified rubber cements and compositions

Soap

Dispersing agent (Brit. 422461) in making—
- Emulsified detergents, containing soaps, used for various purposes
- Emulsified hand-cleansing compositions containing soap
- Emulsified textile soaps

Textile

Bleaching

Dispersing agent (Brit. 422461) in making—
- Emulsified bleaching baths

Dyeing

Dispersing agent (Brit. 422461) in making—
- Dye baths in emulsified form

Finishing

Dispersing agent (Brit. 422461) in making—
- Emulsified coating compositions
- Emulsified scouring compositions
- Emulsified sizing compositions
- Emulsified washing compositions
- Emulsified waterproofing compositions
- Emulsified waxing compositions

Manufacturing

Dispersing agent (Brit. 422461) in making—
- Emulsified baths for the carbonization of wool
- Emulsified baths for degumming and boiling-off silk
- Emulsified baths for soaking silks
- Emulsified bowking baths
- Emulsified compositions used for degreasing raw wool
- Emulsified fulling baths
- Emulsified keir-boiling baths for cotton
- Emulsified mercerization baths
- Emulsified spinning compositions
- Oiling emulsions for various textile purposes

Printing

Dispersing agent (Brit. 422461) in making—
- Emulsified printing pastes

Tetradecylguanidin Hydrochloride

Building and Construction

Dispersing agent (Brit. 422461) in making—
- Emulsified waterproofing compositions

Chemical

Dispersing agent (Brit. 422461) in making—
- Emulsions of various chemicals
- Textile lubricants in emulsified form
- Wetting compositions in emulsified form

Cosmetic

Dispersing agent (Brit. 422461) in making—
- Emulsified cosmetics

Disinfectant

Dispersing agent (Brit. 422461) in making—
- Emulsified germicidal and disinfecting compositions

Dye

Dispersing agent (Brit. 422461) in making—
- Emulsified color lakes

Fats, Oils, and Waxes

Dispersing agent (Brit. 422461) in making—
- Emulsified boring oils
- Emulsified drilling oils
- Emulsified fat-splitting preparations
- Emulsified fatty acids of animal or vegetable origin
- Emulsified greasing compositions
- Emulsified greasing and lubricating compositions containing various vegetable and animal fats and oils
- Emulsified preparations of natural and synthetic waxes
- Emulsified sulphonated oils
- Emulsified wire-drawing oils
- Emulsions of animal and vegetable fats and oils

Glue and Adhesives

Dispersing agent (Brit. 422461) in making—
- Emulsified adhesive preparations

Ink

Dispersing agent (Brit. 422461) in making—
- Emulsified printing and writing inks

Insecticide

Dispersing agent (Brit. 422461) in making—
- Emulsified insecticidal and fungicidal compositions
- Horticultural sprays

Leather

Dispersing agent (Brit. 422461) in making—
- Emulsified compositions for softening hides
- Emulsified dressing compositions
- Emulsified fat-liquoring baths
- Emulsified finishing compositions
- Emulsified soaking compositions
- Emulsified tanning compositions containing formocresylic or coumarone resins
- Emulsified waterproofing compositions

Miscellaneous

As a dispersing or emulsifying agent not precipitable by electrolytes and stable with respect to lime and magnesia

Dispersing agent (Brit. 422461) in making—
- Automobile polishes in emulsified form
- Emulsified cleansing compositions
- Emulsified compositions for cleansing painted and metallic surfaces
- Emulsified degreasing compositions
- Emulsified furniture polishes
- Emulsified greasing compositions
- Emulsified metal polishes
- Emulsions of various substances
- Waterproofing compositions in emulsified form

Paint and Varnish

Dispersing agent (Brit. 422461) in making—
- Emulsified shellac preparations
- Waterproofing compositions in emulsified form

Paper

Dispersing agent (Brit. 422461) in making—
- Emulsified compositions for sizing paper and pulp products
- Emulsified compositions for waterproofing paper and pulp compositions and paperboard
- Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 422461) in making—
- Emulsified cutting oils for screw-press and lathe work
- Emulsified mineral oils
- Kerosene emulsions
- Naphtha emulsions
- Petroleum pitch emulsions
- Petroleum tar emulsions
- Soluble greases in emulsified form
- Solubilized emulsified oils and distillates
- Textile oils in emulsified form, such as rayon oils

Plastics

Dispersing agent (Brit. 422461) in making—
- Emulsified plastic compositions

Resins

Dispersing agent (Brit. 422461) in making—
- Emulsified preparations of natural and synthetic resins

Rubber

Dispersing agent (Brit. 422461) in making—
- Emulsified rubber cements and compositions

Soap

Dispersing agent (Brit. 422461) in making—
- Emulsified detergents, containing soaps, used for various purposes
- Emulsified hand-cleansing compositions containing soap
- Emulsified textile soaps

Textile

Bleaching

Dispersing agent (Brit. 422461) in making—
- Emulsified bleaching baths

Dyeing

Dispersing agent (Brit. 422461) in making—
- Dye baths in emulsified form

Finishing

Dispersing agent (Brit. 422461) in making—
- Emulsified coating compositions
- Emulsified scouring compositions
- Emulsified sizing compositions
- Emulsified washing compositions
- Emulsified waterproofing compositions
- Emulsified waxing compositions

Manufacturing

Dispersing agent (Brit. 422461) in making—
- Emulsified baths for the carbonization of wool
- Emulsified baths for degumming and boiling-off silk
- Emulsified baths for soaking silks
- Emulsified bowking baths
- Emulsified compositions used for degreasing raw wool
- Emulsified fulling baths
- Emulsified keir-boiling baths for cotton
- Emulsified mercerization baths
- Emulsified spinning compositions
- Oiling emulsions for various textile purposes

Printing

Dispersing agent (Brit. 422461) in making—
- Emulsified printing pastes

Paint, Varnish, Lacquer Materials

Spanish Red Oxide Advanced — Lithopone and Titanium Pigment Contracts to Be Renewed for Final Half of Year at Unchanged Prices — Acetone Down

A rise in Spanish red oxide prices featured the market for paint, varnish and lacquer chemicals during the week. Other price developments included a reduction in acetone and lower replacement markets for Hiroe Macassar nubs and No. 8 Congo in the natural resin group. The boost in Spanish oxide prices took place on Tuesday, marking the first change in price for that commodity for some time. The rise embraced all qualities and was effected at all marketing points except those on the Pacific Coast. Higher import costs were responsible for the advance.

Replacement purchasing of ingredients used in the manufacture of surface coatings showed more activity than in the preceding week. Generally, the market was favored with life and the month's close was much more active than its opening.

Manufacturers of lithopone and titanium pigments are now soliciting contracts for the final half of the year and business is being accepted at the prices that have prevailed through the first part of the year. Pigment manufacturers are not offering zinc oxide for the final half of the year and the delay in soliciting contract renewals has given rise to the rumor than some of the price loss of last October may be recovered.

Chemical colors continue without new feature. Intermittent rumors that c.p. chrome yellow prices might go up on July 1 do not seem to have the support of some of the factors that influence the market and the majority of opinion among those who are concerned indicates that there is not likely to be any change at this time. Earth colors hold a rather steady position and so far the importers of French ocher have not mentioned anything about lower prices which might result from the reduction in the import duty slated for June 15.

Turpentine and rosin were quiet in the local market last week on the eve of the double holiday. Transactions in primary centers were also on a smaller scale, this applying to foreign as well as domestic purchases. Changes in quotations were generally within narrow limits. The movement from the interior to the seaboard showed some increase, the expansion in marketing being attributed to better weather conditions for operations in the woods.

April's value of building permits issued in the 1,471 cities reporting monthly to the Bureau of Labor Statistics indicated a 10 percent increase over the March value, according to Secretary Perkins. Compared with April, 1935, construction showed impressive gain, amounting to an increase of $22,400,000, or 96.8 percent in home building; a rise of $13,300,000 in nonresidential building; and more than $5,000,000, or 25 percent in additions, alterations and repairs. Total building construction in April, according to the permits issued, was $121,783,997 and the March, 1936, total was $110,746,462. A geographical analysis of the estimate cost of building construction, including alterations and repairs, comparing April and March this year, is as follows:

	April	March
New England	$8,100,998	$6,575,481
Middle Atlantic	33,995,767	26,745,256
East North Central	26,984,338	20,968,016
West North Central	7,027,021	6,737,388
South Atlantic	14,728,608	14,072,146
East South Central	3,185,989	3,208,003
West South Central	7,610,197	9,531,552
Mountain	3,083,928	2,715,770
Pacific	17,067,151	18,194,870
Total	$121,783,997	$110,746,462

Price Changes

Prices were changed during the past week as follows:—

Advanced

Red, Spanish oxide, ¼c. per lb.
Rosin, low grades, 10c. to 15c. per 280 lbs.

Reduced

Acetone, ½c. per lb.
Gum, copal, Congo, No. 8, ½c. per lb.
Hiroe, Macassar, nubs, ⅜c. per lb.
Rosin, high grades, 5c. per 280 lbs.
Turpentine, gum, 1½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.0	130.0	130.0	134.0

Market news that may have developed after this report was sent to press will be found on page 2.

Metallic Lead and Zinc

Purchasing life returned to the lead market last week and the sellers reported a brisk sale all week. Some factors were able to book to their daily limits during mid-week. Prices continued unchanged at the long standing basis of 4.45c. per pound at East St. Louis, and 4.60c. to 4.65c. at New York, according to seller. Public utility buyers are not active in the market these days and it is the interest from that channel of consumption that is said to be needed to bring the price of the metal up to a relative point with other commodities as suggested recently in a statement by an official of one of the two leading selling companies. April production of lead was 38,073 tons from 35,150 tons during March and 32,389 tons in April last year, according to the Bureau of Metal Statistics. Shipments in April were 40,457 tons against 36,743 tons in March and 40,922 tons in April last year; stocks at the end of April were 220,991 tons against 223,388 tons at the end of March and 220,043 tons at the end of April last year.

Slab zinc lacked the briskness that was reported in the lead market. The market dragged along from day to day and the opening of July books last week failed to stimulate any forward interest. The price here continued at 4.90c. per pound, East St. Louis. World zinc production in April was 130,968 short tons against 132,662 in March and 120,353 tons in April last year, according to the American Bureau of Metal Statistics.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from May 23 to May 29, inclusive, are as follows:—

	Pigs: Per pound New York.	Pigs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0460@.0465	$0.0445	..	..	..
Monday	.0460@.0465	.0445	15	7	6
Tuesday	.0460@.0465	.0445	15	12	6
Wednesday	.0460@.0465	.0445	15	11	3
Thursday	.0460@.0465	.0445	15	10	0
Friday	.0460@.0465	.0445	15	11	3

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from May 23 to May 29, inclusive, are as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.05275	$0.0490	..	..	..
Monday	.05275	.0490	14	5	0
Tuesday	.05275	.0490	14	5	0
Wednesday	.05275	.0490	14	6	9
Thursday	.05275	.0490	14	7	6
Friday	.05275	.0490	14	5	0

Pigments

Pigments moved out of sellers' hands at a faster rate than previously. By comparison with recent weeks, last week's demands were considered quite good. Titanium pigments are moving at a lively clip and contracts are being written for the final half of the year. Lithopone still has some essence of spottiness, but the deliveries against contracts are more active than they were in recent weeks. Lithopone business for the last six months is also solicited. White lead and other lead products are in fairly constant request. Prices continue unchanged throughout the list.

White Lead.—The deliveries to the trade are considered fairly good. The market seems to have overcome the spottiness that was evident in the early part of May and things are progressing along more normal lines now. Prices continue to reflect the firm position of the metal.

Red Lead.—The metal's firmness is also reflected in this derivative. The demands of the market are fairly good and seem better than they were a few weeks ago.

Litharge.—Regular demands featured this commodity last week. The prices have been without shift in recent weeks, but there is some essence of strength in the market based upon the position of metallic lead which, if it moves at all, would more than likely

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

CHLORATE OF SODA • CARBONATE OF POTASH • CAUSTIC SODA
CARBON TETRACHLORIDE
TRI-SODIUM PHOSPHATE
ALUMINUM STEARATE
ZINC STEARATE, U.S.P.
JOSEPH TURNER & Co.
63 EXCHANGE PL., PROVIDENCE, R. I.
500 Fifth Avenue • New York
OXALIC ACID • CALCIUM CHLORIDE • SODIUM METASILICATE

Are Your Sales in Ohio Satisfactory?
Are they commensurable with your selling expense?
We will act either as your Ohio Sales Managers or Direct Representatives on a commission basis.
SMEAD & SMALL, INC.
Hanna Building, CLEVELAND, OHIO

6 LEADING BRANDS
• IMPERIAL'S quality brands have maintained consistent leadership for the manufacture of enamels and lacquers . . . IMPERIAL 88, IMPERIAL 50, SUPERTONE, INTENSO, EUREKA, EXCELLO 2-X. All easy to work, economical, and made to meet your particular needs. Write.
IMPERIAL
OIL & GAS PRODUCTS CO
UNION BANK BUILDING PITTSBURGH - PENNA
ASK FOR CATALOG 135

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

Shawnee
DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

move upward rather than downward.

Lithopone.—Sellers are now soliciting contracts for the final half of the year at unchanged prices. The deliveries against existing contracts are showing more volume and frequency than at the beginning of May and the latter part of April. The demands in the East are considered quite good now. The Western market is fairly active and has been so during recent weeks. The price situation remains steady and undisturbed. Nothing has been mentioned regarding prices for beyond the end of this month.

Orange Mineral.—As reported previously, the import duty on the Tours product will be reduced ½c. per pound on June 15. The new rate of duty will be 2½c. per pound. Importers have not as yet indicated a reduction in prices.

Titanium Pigments.—The sellers of these pigments are now writing contracts for the final half of the year at the prices that have been in force through the first part of this year. Withdrawals against expiring contracts are good.

Zinc Oxides.—Sellers have not yet commenced writing contracts for the final half of the year, but are expected to do so within a few days. The fact that this action has been delayed beyond the initial solicitation of lithopone and titanium pigment contracts gives rise to rumor that some of last October's price decrease might be recovered.

Fillers and Extenders

Mineral whites, fillers and inert pigments continue along the course of recent weeks. There is a good deal of irregularity in the trading in certain commodities while others are favored with fairly constant demands. Taken generally, trade is moderately good but is lacking in the usual briskness for this time of the season. Prices are holding without major change.

Blanc Fixe.—As reported a week ago, sellers of the by-product article have been offering car lot amounts at $60 per ton and l.c.l. quantities as $65 per ton, both at sellers' works.

Graphite.—The market continues in an unchanged position with both flake and powdered material at the price levels that have been in force for some time back.

Mica.—Water-ground material continues at competitive prices with the bulk of the current demands divided among the vulcanizers of tire casings, the wall paper makers and manufacturers of paper coatings. Specially ground mica for the paint trade is being offered by one house at a minimum price of 4½c. per pound for carload lots with freight allowed East of the Mississippi River.

Whiting.—The market holds a steady position at the prices that have been in force for some time. The demands are moderately active.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

Dry Colors

Spanish red oxide prices were advanced a quarter-cent per pound at all points except at Pacific Coast warehouses and dock points. The advance covers all qualities. It occurred on Tuesday and results from higher import costs. The advance represents the first change in price for the commodity in some time. Other earth colors passed the week without new price feature. Chemical colors were also unchanged in price.

Carbon Black.—Tire manufacturers' demands for black continue lively and with tire prices advancing, sellers of this commodity look for continued purchasing activity in the Akron area. The price situation is unchanged. The specialty blacks for paint and lacquer makers are moving a little faster and the ink trade's purchases are also fairly good.

Chrome Yellow.—Some sellers are anxious for an increase in prices for the third quarter of the year but there are factors who do not seem inclined that way and from the majority of current opinions, it does not seem likely that the market will advance at this time.

Iron Blues.—Deliveries against contracts continue in normal fashion and trade during the month just ended was fairly satisfactory. Prices remain unchanged.

Ocher.—As reported here last week, the import duty on French material will be reduced ½c. per pound on June 15. Although the sellers have not stated that prices will be changed, there are indications in some directions that the duty saving will be passed on to the consumers.

Spanish Red Oxides.—Prices for all qualities were advanced ¼c. per pound at all points except those on the Pacific Coast. The advance took place on Tuesday of last week. Prices for No. 1 quality are now as follows:—Car lots, f.o.b. New York, Pennsylvania shipping point, or ex-dock New Orleans or Philadelphia, 3½c. per pound; f.o.b. St. Louis, 3¾c. per pound. Less car lots, f.o.b. Bethlehem, Easton, New York, New Orleans, Philadelphia, 3¾c.; f.o.b. St. Louis, 4c.; ex warehouse, Chicago, Cleveland, Pittsburgh, 4¼c. per pound. Prices for No. 2 quality are ¾c. per pound lower than those for No. 1, and prices for No. 3 quality are 1/10c. per pound lower than the prices for No. 2 grade. The advance is the market's first movement in some time.

Varnish Gums

Trade in natural gums continues light. Primary markets are fairly firm and broader purchasing by England and Germany is holding the foreign markets in a fairly firm position, both of last week's price movements being reductions notwithstanding. The price movements in the market last week were reductions in Hiroe nubs and No. 8 Congo.

Copal.—Quotations for No. 8 Congo—bold light amber—were reduced ½c. per pound to the basis of 11¼c. per pound for car lots. The usual ¼c. additional differential for less car lots and ½c. differential for lots of less than ten packages prevail. There was also a reduction in the price of Hiroe Macassar nubs. Hiroe nubs were off ⅜c. per pound to the basis of 11⅛c. per pound for straight or mixed cars.

Dammar.—Singapore and Batavia gums are steady in price and replacement quotations from abroad have been without change in recent weeks. The market abroad is held firm under the support of European buying.

Synthetic Resins

Ester gums are moving against contract in fairly good fashion. The withdrawals during the month just ended have been quite satisfactory to the sellers. Phenolics, both the modified and 100 percent grades, are in routine demand at unchanged prices.

Naval Stores

Quieter conditions prevailed in local naval stores circles last week on the eve of the double holiday. In the South business was on a fair scale though consumers in some instances were disposed to curtail purchases, uncertainty concerning affairs at Washington as well as the conflicting nature of reports as to the extent of the government holdings making buyers disposed to adopt a more conservative attitude. There were reports of a fair foreign demand for rosin but export transactions in that commodity were also on a smaller scale than in recent preceding weeks while the foreign inquiry for turpentine remained very light.

Reports from the South seemed to indicate that the movement to secure financial assistance through holding back of supplies for the purpose of obtaining loans on these holdings would be abandoned following a statement from the committee which has been investigating the probable results of the plan that such a course would be advisable for the best interests of producers and suggesting that a movement aimed to reduce production costs and stimulate consumption be substituted.

Price movements in primary centers were comparatively small as a rule and the undertone of Southern markets was regarded as firm. Receipts showed some increase though the movement was still below normal for this period of the year. Weather conditions were more favorable for operations in the woods, however, temperatures being higher with rainfall generally light, and shipments from the interior to the seaboard were larger than recently. Stocks showed some increase, but in the case of rosin supplies in the three principal markets are still materially smaller than at this time last season.

Turpentine.—Buyers were less in evidence last week and the market here was a rather featureless affair. The slowing down of business was attributed by some to the week-end holidays and by others to the uncertainty prevailing in trade circles concerning tax and other proposed legislation at Washington. The market was irregular in company with the course of primary quotations. The weather in the South was better for operations in the

Background is Photomicrograph of Albalith-404. (Magnification 1285 x).

FOR THIXOTROPIC PAINTS

A high dispersion type pigment possessing all the well known properties of the Albalith line—plus the ability to produce that increasingly popular structure in paint which makes paint sell.

With Albalith-404, Thixotropic paints can be made which are characterized by exceptionally good non-settling, ease of brushing, non-sagging and non-skinning. Albalith-404 is suitable for flats, undercoats, semi-glosses and glosses.

May we send you a sample and detailed information on formulation?

New Jersey Zinc

THE NEW JERSEY ZINC COMPANY 160 FRONT ST. NEW YORK

woods, temperatures being higher, and there was some increase in the movement to primary markets.

SAVANNAH, May 29.—Turpentine was fairly active with the undertone of the market firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday...	36¾	53	435	920	24,977
Monday ...	35½	285	491	431	25,037
Tuesday ...	35¾	182	871	36	25,872
Wednesday..	35½	149	293	341	25,824
Thursday ..	35½	134	375	145	26,054
Friday	35½	24	520	...	26,574

JACKSONVILLE, May 28.—The turpentine market retained a firm tone although prices showed irregularity. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	36	33	231	263	42,632
Saturday...	36	129	413	...	43,045
Monday ...	35¾	110	404	78	43,371
Tuesday ...	35¼	206	492	...	43,863
Wednesday..	35¾	365	338	239	43,962
Thursday ..	35	60	307	1	44,268

PENSACOLA, May 23.—The market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	194	122	28,105
Tuesday	169	...	28,274
Wednesday	81	...	28,355
Thursday	114	215	28,254
Friday	103	...	28,357
Saturday	215	122	28,450

CHICAGO, May 29.—Turpentine business has been reported improving in volume, as a consequence of increasing consumer purchases. Prices are holding steady and the retail and wholesale business is reaching good totals. Advices from the southern territory are interpreted by many as constituting a strong background to the general turpentine market situation. Inquiries are active. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, May 29.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	0
Monday	39	0
Tuesday	38	6
Wednesday	38	6
Thursday	38	6
Friday	38	6

Stocks of American turpentine in London were:—

	May 29.	Previous week.	Last year.
Barrels	9,893	9,842	7,257

Rosin.—Business here was rather slow much of the time last week, consumers apparently being disposed to limit their takings to small quantities to fill current needs. The tone was steady or firm in company with developments in the South where price movements were within small limits. There were reports of a fair export inquiry in primary centers but sales were smaller than in recent preceding weeks. Sales to domestic consumers in primary markets were fair though large buyers were apparently inclined to hold off pending further developments in political affairs as well as in the markets for other commodities.

SAVANNAH, May 29.—Changes in rosin quotations were generally within narrow limits. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.25	$3.25	$3.30	$3.35	$3.40	$3.40
D	3.90	3.85	6.90	3.95	3.95	4.00
E	3.95	3.90	3.95	4.00	4.00	4.00
F	4.30	4.25	4.25	4.25	4.25	4.25
G	4.30	4.25	4.25	4.27½	4.27½	4.30
H	4.30	4.35	4.27½	4.30	4.30	4.30
I	4.30	4.35	4.27½	4.30	4.32½	4.35
K	4.35	4.35	4.32½	4.35	4.35	4.40
M	4.45	4.45	4.35	4.35	4.37½	4.40
N	4.45	4.45	4.45	4.45	4.45	4.50
WG	4.45	4.45	4.50	4.50	4.50	4.50
WW	4.60	4.55	4.55	4.55	4.55	4.55
X	4.60	4.60	4.60	4.60	4.60	4.60
Barrels						
Sales	638	279	383	510	509	416
Receipts...	1,501	2,226	3,440	1,434	1,357	1,222
Shipments.	5,405	1,815	998	520	312	2,825
Stocks ..	59,485	59,896	62,338	63,252	64,297	62,954

JACKSONVILLE, May 28.—Rosin was fairly active with the undertone of the market firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$3.25	$3.25	$3.25	$3.25	$3.25	$3.25
D	3.90	3.90	3.90	3.85	3.90	4.00
E	3.95	3.95	4.00	3.90	6.95	4.00
F	4.30	4.25	4.22½	4.25	4.25	4.25
G	4.32½	4.30	4.22½	4.25	4.27½	4.30
H	4.32½	4.30	4.22½	4.27½	4.30	4.32½
I	4.32½	4.30	4.35	4.30	4.30	4.35
K	4.35	4.32½	4.35	4.62½	4.32½	4.37½
M	4.37½	4.35	4.35	4.35	4.35	4.42½
N	4.50	4.50	4.50	4.45	4.45	4.45
WG ...	4.55	4.50	4.50	4.45	4.50	4.50
WW ...	4.60	4.60	4.60	4.60	4.60	4.60
X	4.60	4.60	4.60	4.60	4.60	4.60
Barrels						
Sales	350	211	276	209	1,053	258
Receipts...	1,244	1,204	1,958	1,145	1,423	1,237
Shipments.	1,019	...	1,580	70	382	60
Stocks ..	56,168	57,372	57,750	58,825	59,866	61,043

PENSACOLA, May 23.—The rosin market was steady. Receipts showed some increase. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	419	634	310	384	469	495
Shipments	255	160	600	470	461	872
Stocks ..	38,156	38,630	38,340	38,254	38,262	37,885

CHICAGO, May 29.—Naval stores business is running at an exceptionally good level, according to various factors in the market, with rosin buying good. The tone of the market is reported comparatively firm and sellers are taking a considerably more optimistic view of the outlook than in some time. Because trade is more active, holders are somewhat firmer in their view. Ruling prices at the close of business last night were:—B grade, $5.80 per lot of 280 pounds; G grade, $6.75; M grade, $6.85; W.W. grade, $7.05.

LONDON, May 29.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	12	1½	13	4½
Monday	12	1½	13	4½
Tuesday	12	1½	13	4½
Wednesday	12	3	13	6
Thursday	12	3	13	6
Friday	12	3	13	6

Pine Oil. — The market remained in a steady position. No material change was noted in the character of business, but there were reports of a somewhat better inquiry for moderate quantities for prompt shipment.

Pitch. — The prevailing tone was firm, quotations generally being held at the levels ruling in the previous week. There was apparently a steady movement into consuming channels on contracts and transient orders.

Rosin Oil. — Business lacked snap, but in some quarters a fairly active demand was noted for moderate quantities, the movement of such lots being somewhat larger than in the previous week. The market retained a steady tone.

Tar. — The prevailing tone was steady. Business was generally of a conservative character but the movement into local and outside consuming channels was steady.

Shellac

Business in the market for shellac was a routine affair during the past week. Dealers and manufacturers reported that most of the activity consisted of deliveries that were made against contract sales made earlier in the quarter. New business was light and came in irregularly for the most part. Prices appeared to have become quite steady and there was some talk about returning quotations on bonedry to a level that would be productive of the full profit warranted by replacement and production costs. The foreign markets changed very little during the period under review.

London, May 29.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here, and include other handling charges):—

	May 29— Shillings. Cwt.	Cents. lb.	May 22— Shillings. Cwt.	Cents. lb.
August ...	53	11.5	52½	11.4
October ..	53½	11.6	..	..

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— May.	August.	October.
May 22.....	51s 6d	52s 6d	... ..
*May 23.....	... ..	... ..	... ..
May 25.....	... ..	52s 6d	53s
May 26.....	... ..	53s 6d	54s
May 27.....	... ..	53s	54s
May 28.....	... ..	52s 6d	53s 6d
May 29.....	... ..	53s	53s 6d

* No cables received.

Calcutta, May 29.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— May 29.	May 22.
June	11¼c	11½c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
May 22.....	11½c	Steady
*May 23.....	.....	.....
May 25.....	11¼c	Steady
May 26.....	11¼c	Steady
May 27.....	11½c	Steady
May 28.....	11¼c	Steady
May 29.....	11¼c	Steady

* No cables received.

Lacquer Materials

The market for the various lacquer materials was featured by a reduction in the prices for acetone, with the decline said to be due to the presence of competition in some quarters of the market. Butyl alcohol demand was fair at times during the week. Butyl acetate was unchanged. There was little to report in diamyl phthalate, but the price tone was steady. Ethyl acetate was fairly active at intervals, but the prices were held steady to firm Film scrap displayed a strong tone. Reports from the automobile industry revealed that some curtailment was taking place in the production schedules, but the output thus far in 1936 was said to have been better than for the last five years. Retail sales of cars have been holding up well.

Acetone. — Prices were reduced ½c. per pound, with the new schedule listing the tankcars at 8c. per pound and the car lot at 9c. per pound and the less than car lot quantities at 9½c. per pound.

Butyl Acetate. — This market con-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

IMPERIAL COLOR WORKS
INCORPORATED
GLENS FALLS - - - - NEW YORK

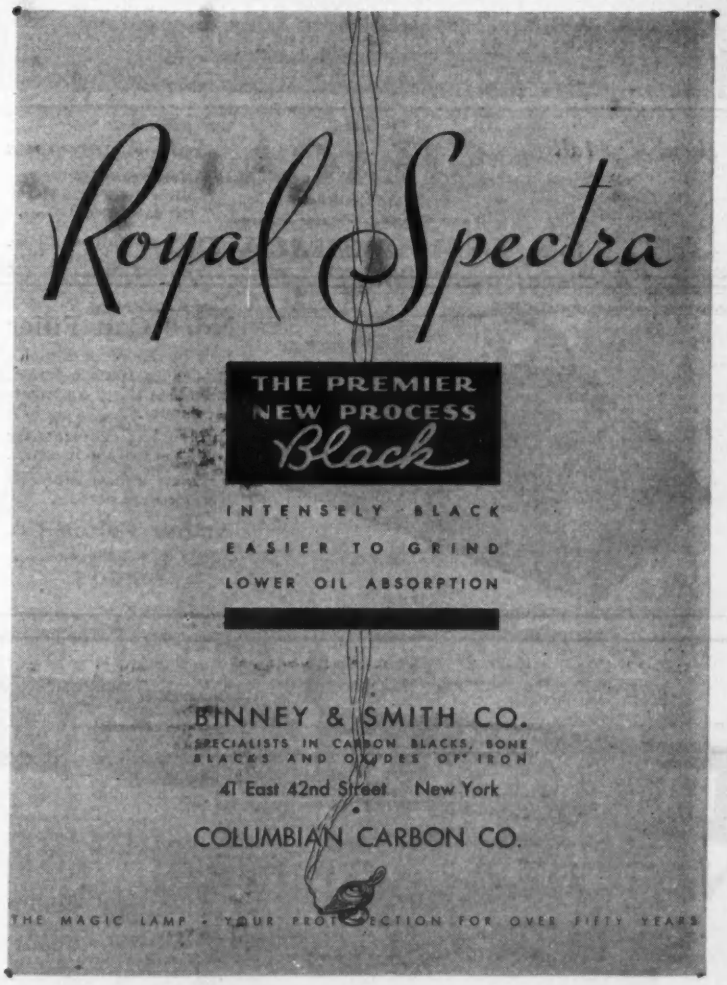
"Color" is the reflection of wave lengths of light.

IMPERIAL COLORS

are the reflection of the perfection attained by exhaustive research and meticulous care in manufacturing.

THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

Branch Offices and Warehouse Stocks:
Boston New York City Philadelphia Baltimore Pittsburgh
Cleveland Detroit Chicago Cincinnati Louisville
Dallas St. Louis Los Angeles San Francisco Toronto


Royal Spectra
THE PREMIER NEW PROCESS Black
INTENSELY BLACK
EASIER TO GRIND
LOWER OIL ABSORPTION
BINNEY & SMITH CO.
SPECIALISTS IN CARBON BLACKS, BONE BLACKS AND OXIDES OF IRON
41 East 42nd Street New York
COLUMBIAN CARBON CO.
THE MAGIC LAMP - YOUR PROTECTION FOR OVER FIFTY YEARS

tinued to note an irregular demand, but the prices were without change.

Butyl Alcohol. — The near approach of the month-end slackened buying and sellers reported quotations were without change.

Diamyl Phthalate. — There was little to report in this market, with demand strictly routine, and prices were without change.

Ethyl Acetate. — A fair amount of buying was noted in this market, but it was quite evident consumers were covering for nearby requirements only, and quotations were without change.

Film Scrap. — A strong tone ruled in this market, with the demand for export and domestic account good. Prices were in line with previous values.

Driers

The recent decline in the stearic acid price has not had effect upon the position of the derivative stearates. The latter are in fairly good request against contracts. New contracts for the third quarter of the year will be issued in the latter part of the month and according to indications from some quarters, serious conhideration will be given to the idea of maintaining current prices.

Glues and Binders

Casein.—Prices continued unchanged from a week ago. The increase in Argentine and French price a week ago did not alter the position of the domestic product. Production is normal at this time while demands are considered just fair. A report from the trade commissioner at Buenos Aires to the Commerce Department states that despite comparatively favorable export prices during the first quarter of this year the Argentine trade is not optimistic over future outlook. French casein is being offered at lower prices and Argentine exporters would not be surprised to see a decrease in foreign demand for their product.

Glues.—Hide glues still have strong leanings on the basis of high raw stock costs but the demand has not been giving the market sufficient support to warrant higher selling prices. Bone glues are steady under moderate activity.

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 55 Vandam St., New York

SOMMER SCHMIDDING WORKS: DUESSELDORF
Special Plants for:—
BODIED OILS • PRINTING INKS • ESTER GUMS
GUM RUNNING • VARNISHES
Represented by ALBERT H. BRUECKE, 30 Rockefeller Plaza, New York City

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc
55 ANN STREET, NEW YORK CITY

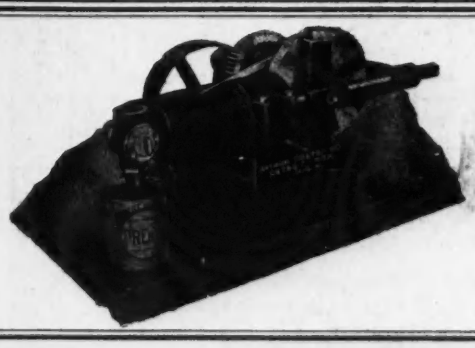
Bone Blacks for LACQUERS 4 HOUR ENAMELS LEATHER FINISHES
SIEMON COLORS, Inc.
174 PENNSYLVANIA AVENUE, NEWARK, N. J.

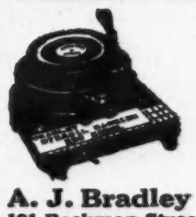
Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Bldg., Rockefeller Center, New York, N.Y. *Offices:* 3001 W. 47th St., Chicago, Ill.
Factory: Savannah, Ga.

Georgia White Clay—Fuller's Earth
Carload shipments direct from producers
TAINTOR TRADING COMPANY, Inc.
24 State Street : : : New York

STANLEY DOGGETT, Inc.
ESTABLISHED 1878
MANUFACTURERS and IMPORTERS
DRY COLORS OF MERIT—QUALITY PIGMENTS
75 VARICK STREET, NEW YORK

PURE SILICA FOR ALL PURPOSES
Water Ground---Water Floated
Hard Crystalline
No. 68—140 Mesh
" 10—200 "
" 110—300 "
Soft Amorphous
Velveteen—300 Mesh
Silver Bond—325 Mesh
OO Smoke—800 Mesh
Mills: Tamms, Ill. Write TAMMS SILICA CO. Builders Bldg., Chicago, Ill.


No. 8 Can Filler
Fills liquids or semi-Fluids into Tubes, Cans or Jars at the rate of thirty containers per minute.
Used in leading plants for filling Varnish and Enamels.
We make Filling Machines for every purpose.
Arthur Colton Co.
2624 East Jefferson Ave.
DETROIT

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ¼ in., ½ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

GILSONITE
REG. U. S. PAT. OFF.
Prompt shipment always from conveniently located stocks of the grade best suited for your needs.
For thirty-five years the dependable source of supply for Gilsonite.
THE BARBER ASPHALT COMPANY
Philadelphia
New York Chicago St. Louis

mineral pigments
NATURAL AND SYNTHETIC
PURE INDIAN REDS
Notable for their brilliance, clarity, fineness, strength and uniformity
C. K. WILLIAMS & COMPANY
EASTON·PENNSYLVANIA

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Cream Bases:—"Cream and Ointment Bases," issued by the Th. Goldschmidt Corporation, describes the various cream bases and preservatives manufactured by the company, and gives their advantages, emulsion ingredients, formulas and procedure. **(386)**

Desiccants.—"Drierite, the Versatile Desiccant," distributed by W. A. Hammond, describes this product. The company states that "on the basis of thorough investigation and actual service, it meets the first requirement of high efficiency, and in addition is neutral, stable, constant in volume, inert except toward water, insoluble in organic liquids, non-disintegrating, non-wetting, non-poisonous, non-corrosive, repeatedly regenerative, and low in cost." **(387)**

Dispersion Agents:—"Daxad, the Truly Dispersing Agent," issued by the Dewey & Almy Chemical Company, outlines the general characteristics of "Daxad" dispersing agents. It discusses dispersing agents versus wetting agents; wetting agents; protective colloids, dispersing agents, emulsification, and gives a simple experiment. **(388)**

Drying Oils:—"Isoline, a Synthetic Drying Oil," published by the Woburn Degreasing Company, is bulletin No. 103 in a series issued by the company giving technical information about the application of the company's products in the textile, soap, paint and varnish, synthetic resin, paper, rubber, lubrication and chemical industries. "Isoline" is offered particularly for applications in printing varnishes, baking varnishes, tin coating varnishes, checkback oils for chinawood cooks in varnishes, outside exposure varnishes and enamels, special varnishes of highest flexibility, water and oxygen resistance, and artists paints of high durability. **(389)**

Equipment' — "Crandall Can and Drum Filling Equipment," distributed by the Crandall Can Filler Machine Company, is a folder describing the various types of machines made by this company to fill any liquid—alcohols, oils, salad oils, syrups, disinfectants, paints, lacquers, and various miscellaneous products. **(390)**

Equipment: — "Hellige Vacuum-Tube Galvanometer," distributed by Hellige, Inc., is a bulletin describing this new scientific instrument. The company does not attempt to detail all of the applications of this vacuum-tube galvanometer, but gives the following list suggestive of its many possibilities:—All electrometric pH measurements; glass electrode; oxidation-reduction potentials; streaming potentials, etc.—measurement of very small currents; insulation resistance; various types of bridge measurements—in general, for the measurement of any electrical potential. **(391)**

Gums, Waxes and Chemicals:—"Gums and Waxes," "Locust Bean Gum, Gum Arabic, Gum Karaya, and Gum Tragacanth," "Reliable Chemicals for the Leather Industry," and "Isco News," form a series of pamphlets published by Innis, Speiden & Co., on these various products. The last named folder is a bulletin of hints and information for buyers of chemicals and allied lines issued specially for the textile industry. **(392)**

Instruments: — "Instruments from the Executive Viewpoint," published by the Brown Instrument Company, is an excellently prepared booklet in black and silver, describing the part instruments and controls play in the modern industrial plant. It points out that there are few industries in which temperature does not play an important part either in actual manufacture or in the production of heat for comfort, air conditioning and the like, and the value of control. **(393)**

Instruments: — "Instruments for Spectrographic Analysis," published by the Bausch & Lomb Company, is a revised edition of this thirty-two page volume which is offered for the information of two classes of workers. The first group includes experienced physicists, chemists, and research workers, who are already familiar with the spectrograph as a means for obtaining the information required. The second, and by far the larger group, includes the workers in many fields of analysis and research, who have little or no detailed knowledge of spectrographic methods, but who are keenly interested in any device that will extend the range of accurate analysis to limits previously unattainable with increased precision. **(394)**

Lubricants:—"Industrial Lubricants," published by the Swann-Finch Oil Corporation, is a sixteen-page illustrated booklet outlining various lubricants made by the company and showing various types of large and small machinery lubricated with these products, including machinery in a cement plant, paper plant, cotton mill, mine cars and other heavy equipment. **(395)**

Oils, Fats, and Waxes

Business Slow Owing to Uncertainty Over Proposed New Taxes — Chinawood Oil Higher Following Rise Abroad — Coconut Up Again—Cottonseed Oil Irregular—Linseed Easy

Miscellaneous oils, fats and greases were quieter last week, a rather material slowing down of trade being noticeable in all branches of the market. The contraction of business was attributed to a disposition on the part of sellers and buyers to await further action on the proposed new taxes on various foreign oils and fats. The Senate committee voted in favor of the measure last week but the prevailing confusion and uncertainty concerning details of the act brought business in these commodities practically to a standstill. Quotations on many products were merely nominal.

Chinawood oil displayed firmness here and on the Pacific Coast the trend of prices being upward at times, especially early in the week when a rather sharp recovery occurred in prices abroad. Business here was quiet but offerings were generally light owing to uncertainty as to replacements costs. Higher prices prevailed for oiticica oil, the market being influenced by developments in competing product. Coconut oil was quiet but the markets here and on the Coast retained a firm tone prices again being advanced fractionally. Edible cottonseed oil was again reduced by refiners. Palm oil was quiet but there was no material change in the primary situation and local quotations were generally maintained. Rapeseed oil was steady. Shipments of rapeseed from India to the United Kingdom and the Continent from January 1 to May 13 were about 13,000 tons smaller than in the same time last year.

Fish oil schedules were maintained at previous levels by refiners. Purchasing was limited to small lots as a rule, the movement of such quantities for the week being unimportant. Crude fish oils were quiet in primary markets with quotations generally nominal. Stearic acid and red oil were steady at the recent reduction in quotations with trade fair. Quotations on lard, neatsfoot and tallow oils were stationary. A further decline occurred in oleo oil. Demand for stearin was rather slow and supplies were available at still lower prices. Lard compound was reduced by makers in the absence of any improvement of consequence in demand although reports were current at times of a somewhat better inquiry. Tallow offerings were light on spot and the market was steady though quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ½c. to ¾c. per lb.
Coconut oil, ⅛c. to ¼c. per lb.
Oiticica oil, ½c. per lb.
Teaseed oil, ¼c. per lb.

Reduced

Cottonseed oil, edible, 25c. per 100 lbs.
Lard, 35c. to 50c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Oleo oil, 50c. per 100 lbs.
Sardine oil, crude, 3c. per gal.
Stearin, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
110.2	110.6	115.2	133.5

Market news that may have developed after this report was sent to press will be found on page 2.

Vegetable Oils

Babassu.—There were no further developments in the way of price changes last week, the tone of the market being steady. Consumption appeared to be holding up well although new business was quieter, buyers being disposed in some instances to hold off pending fresh developments in other commodities.

Chinawood.—A firmer tone developed in domestic markets last week, the trend of prices being upward at times owing to strengthening developments abroad where prices early in the week were about ¾c. per pound higher than at the close of the previous period. Quotations were advanced to 18.2c. to 18.3c. per pound here and to 17⅞c. to 18c. per pound on the Coast in tankcars for spot and nearby oil. Later on there was some recession in company with a reactionary trend abroad, but movements in prices were within comparatively small limits. Business was quieter than in recent preceding weeks. The movement into consuming channels was reported as steady, but new business was on a much smaller scale, consumers being inclined to curtail purchases for a time pending further developments abroad as well as in domestic markets for other commodities.

Coconut.—A firm tone continued to prevail in domestic markets for crude oil last week although there was apparently no improvement in trade. Occasional inquiries were noted, but actual business was limited to unimportant quantities, consumers being inclined as a rule to adhere to a waiting attitude. On the other hand the position of copra and oil abroad remained firm and offerings of both commodities in domestic centers remained light. The tankcar price here was advanced to 4⅛c. per pound and Coast prices also rose ⅛c. The local market for edible oil was quiet, but the tone was firmer, prices being raised ¼c. per pound by refiners.

Corn.—A steady tone prevailed although competing product remained in an easy position. Offerings were light, however, and quotations were held at about previous levels. There was a fair inquiry.

Cottonseed. — Edible oil remained easy, this being a reflection of recent developments in crude oil as well as in the markets for other commodities. Quotations were reduced 25c. per 100 pounds by refiners. There was a fairly active demand. Foreign oil was quiet, but in the absence of any increase in offerings the market retained a steady tone.

Oiticica.—No broadening of trade was reported, but the market had a firmer tone in company with the course of competing product. Prices on spot were about ½c. to ¾c. per pound higher. Stocks appeared to be comparatively light and there was no pressure of shipment offerings.

Olive.—There were reports of a somewhat better inquiry for denatured oil, but actual business was apparently limited to unimportant quantities for prompt shipment. Foots met with a fair demand in a jobbing way. Quotations underwent little change during the week.

Peanut.—Crude was quiet with the tone reported as easy in parts of the South. The Agricultural Adjustment Administration announced that an open offer effective March 25 by the Secretary of Agriculture to make payments to peanut growers for the diversion of peanuts into oil and which was to have expired on May 20 has been extended to June 20.

Perilla.—An easier tone developed early in the week with offerings noted at 6.8c. per pound in tankcars, but later on the market was steadier and quotations late in the week stood about where they were at the close of the previous period. Business was quiet.

Rapeseed.—A steady tone prevailed so far as the spot situation was concerned. The inquiry was quieter, but stocks on spot appeared to have diminished. Shipments of seed from India to the United Kingdom and the Continent from January 1 to May 13 were 18,600 tons against 5,700 tons in the same time last year.

Markets at Other Centers

San Francisco, May 25.—Vegetable oils are largely dormant and prices are mostly in a nominal state, showing but little change since last week. The uncertainty of the pending tax situation on HR bill 12395 is influencing both sides of the market, and while there is no desire to buy, sellers are also not particularly anxious to commit themselves at the moment.

Ruling prices are:—

BABASSU.—Quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil quoted at 3¾c. to 3⅞c. per pound in tankcars, f.o.b. Pacific Coast mills, May-September shipment after sales at 3¾c.

COPRA.—Some further signs of strength are being developed in copra. Last week the market rose gradually, with buyers following on the Coast in a moderate way. Sales of domestically crushed coconut oil added some impetus to the buying here. European demand in source markets is declared to be steady and the tone is generally bouyant. Quoted at 2.375c. per pound c.l.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine, $22.50 ex dock.

CHINAWOOD.—Quoted at 17.70c. per pound in tankcars, f.o.b. Pacific Coast ports, June-October shipment from the Pacific Coast with buyers' ideas lower.

SOYBEAN.—Crude Oriental oil, f.a.q., quoted at 4¾c. per pound, nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks with drum lots, duty paid, at 9¾c. Refined and deodorized Oriental oil, duty paid, at 10c. per pound in drums.

KAPOKSEED.—Foreign crude oil is quoted nominally at 7½c. per pound in tankcars, f.o.b. Pacific Coast ports, June-August shipment. Bleachable grade, 8¼c.

COTTONSEED. — Semi-refined foreign oil is quoted at 9c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, June-August shipment.

PEANUT.—Crude oil quoted nominally at 9¼c. per pound in tankcars, duty paid, f.o.b. Pacific Coast ports, June-September shipment from the Orient. Oil crushed in domestic mills quoted at the same figures.

PERILLA.—Japanese oil is quoted at 6⅝c. per pound in tankcars, for from spot to deferred shipment, f.o.b. Pacific Coast in tankcars.

HEMPSEED.—Crude oil is quoted at 6⅜c. per pound in tankcars, f.o.b. mills, Pacific Coast, with drum lots at 7½c. Refined oil is quoted at 7⅝c. per pound in tankcars, with drum lots at 8½c., ex warehouse.

TEASEED.—Quoted nominally at 8¾c. per pound in drums, c.i.f. San Francisco, June-July shipment from the Orient.

SESAME.—Crude oil is quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast. Seed for crushing is quoted at $58 per ton, c.i.f. Pacific Coast ports, June-July shipment from the Orient.

Chicago, May 29.—The market for most grades of vegetable oils has been about as nearly stationary as it has been in some time past. A growing number of market factors, both buyers and sellers seem to be given to the theory that the general market structure may now be on the border of that much-discussed stabilization zone. At the same time, buyers are not rushing in to place orders, and plenty of material seems to be still available in most classifications to take care of the buying. Coconut may be a bit firmer, peanut oil a little easier.

COCONUT.—Crude oil, 3¾c. per pound; refined, edible oil, 9½c. to 10c. per pound, barrels, car lots; and 10c to 10¼c., barrels, less than car lots.

CORN.—Crude, low acid, 8c. to 8¼c. per pound, partly nominal, tanks, mills. Refined, edible oil, 9½c. to 9¾c., barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CHINAWOOD. — Ruling, spot, drums,

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed IVORY BRAND
RED OIL (OLEIC ACID)
RUBY OLEINE BRAND (distilled)
STAR BRAND (saponified)
CANARY BRAND (very pale yellow, especially suitable for best types of dry cleaners' soaps.)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street - - - New York
Factories: Newark, N. J., and Baltimore, Md.

CHLOROPHYLL
We can now furnish the following standard grades at reasonable prices:
Oil Soluble: Grade F* Grade FCA
Water Soluble: Grade W* Grade WC
Alcohol Soluble: Grade ACA
*Indicates a grade without copper added
WRITE FOR SAMPLE AND INDICATE GRADE DESIRED
AMERICAN CHLOROPHYLL, Inc.
3240-44 Kay Street, N. W., Washington, D. C.
Sales Office: General Electric Bldg., 570 Lexington Avenue, New York, N. Y.

OILS
CHINA WOOD OIL
OITICICA OIL
PERILLA OIL
Crude & Processed Grades
VARNISH GUMS
L. N. JACKSON & CO. Inc.
29 BROADWAY NEW YORK, N.Y.

Stearic Acid
for all purposes
RED OIL · · · GLYCERINE · · · CANDLES
THE M. WERK CO., CINCINNATI, OHIO, U. S. A.
Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

19¼c. to 19½c. per pound; futures shipments, 17¾c. to 18c.

SOYBEAN.—Crude, prompt shipment, 5¾c. to 6c. per pound, tanks, mills, depending on delivery date; and at 6¼c. to 6½c., Chicago. Refined, drums, 9c.

PEANUT.—Prime crude, 7¾c. to 8c. per pound, partly nominal; refined, edible oil, 10¼c. to 10½c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

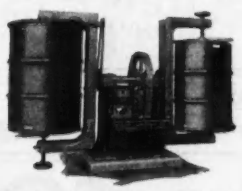
Chicago, May 29.—Price range on soybeans for the week ended May 27—sample grade, high, 77c.; low, 70c.

London, May 21.—Soybean oil, British crude, 28s. per hundredweight; palm kernel oil, refined, 28s. 3d. per hundredweight; rapeseed oil, crude, extracted, 34s. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 28s. per hundredweight.

Linseed Oil

Flaxseed prices were irregular in domestic markets with the trading in futures more active. Changes in foreign quotations were narrow. Linseed oil was easier though slightly more active. Cake and meal quiet and steady.

Flaxseed—DULUTH, May 29.—Lower prices, particularly in the July and September positions, have been noted at times in the Duluth flax market in recent sessions. Increased pressure has been evident in company with hedging against more active cash buying and reports of favorable crop prospects in the Northwest. Later the market had a steadier tone. Larger receipts here are believed to have resulted from a cleaning up of country supplies as growers completed their new crop seeding. While complaints of dry soil conditions have been heard from parts of the Northwest, the season is regarded too young to make definite estimates on the crop outcome. Larger car lot and to arrive sales were reported in the cash market here during the last week.



DRUM CLEANING

quickly and economically

The **Eureka Duplex Double Action** Drum Washer will clean oil, tar, grease, glue, ink, paint, varnish, etc., from the interiors of your steel drums or barrels.

Its double action, which reduces cleaning time, imparts a spiral or swirling motion to the cleaning liquid and with the help of chains, removes the most stubborn materials. Every part is thoroughly cleaned.

Sturdy Cast-Iron construction. Motor or Belt Driven.

Write for Illustrated Circulars. We will gladly send a Eureka on trial.

EUREKA MACHINE CO.
2605 Vega Avenue
CLEVELAND, OHIO

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.68	$1.66	$1.60½
Monday	1.65	1.63	1.58¼
Tuesday	1.65	1.63	1.58¼
Wednesday	1.64¾	1.64¾	1.58½
Thursday	1.67	1.67	1.63½
Friday	1.68	1.68¼	1.64

Crop movement in bushels follows:—

	Receipts—		Shipments—	
	1936.	1935.	1936.	1935.
This week..	11,163	309	65,217	....
Since Aug. 1...	2,835,572	277,601	2,373,280	447,557

MINNEAPOLIS, May 29.—The postseason ruch of cash flax to market exceeded expectations by quite a wide margin but buyers absorbed the offers without much change in values compared with futures. Receipts came from most of the states of the northwest and average quality of the flax was hardly better than fair. Considerable small berried seed came in from South Dakota and Montana and went to crushers. There was virtually no cash house buying of offers. Duluth buyers wanted some diversion point high dockage offers if the quality of the flax was fairly good but they did not buy for dockage alone.

A large number of clean-up cars came on the market during the week, more than during the preceding week. This would indicate closing of the crop year more or less but shipping advices to commission houses seem to hold up well.

Seeding news is less favorable. Topsoil is dry over three-fourths of the northwest and farmers, while planting vigorously, are inclined to be a bit pessimistic. A lot of rye fields are being plowed up and sown to flax. In places there is plenty of sub-soil moisture and all that is needed is some rain to moisten the top-soil. Farmers are rushing their field work at an early date. In southern Minnesota many fields are up to a good stand with plants 3 to 5 inches high. In eastern Montana there are some good spots, where the farmers planted early before the wind dried top-soil out. A few early sown fields were blown out late last week. As yet there is no reliable acreage report to heed. General reports indicate liberal sowing throughout the northwest but the start of a large share of the acreage promises to be poor unless rains come immediately.

No. 1 seed on spot quoted at 1c. to 6c. over July.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.67½	$1.61½	$1.59¼
Monday	1.65¼	1.59½	1.56½
Tuesday	1.64¾	1.58¾	1.56¼
Wednesday	1.65½	1.59½	1.57⅛
Thursday	1.69	1.63	1.60
Friday	1.71	1.65	1.61½

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1936.	1935.	1936.	1935.
This week..	74,580	59,167	1,330	25,920
Since Sept. 1...	7,832,380	4,493,126	1,325,490	904,190

WINNIPEG, May 29.—Trading in flaxseed futures continued quiet and cash demand was also light. Changes in quotations were moderate. The week's closing range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.44	$1.43⅛	$1.39⅝
*Monday	...	...	...
Tuesday	1.43	1.43	1.38¾
Wednesday	1.43½	1.43	1.39½
Thursday	1.44½	1.44¼	1.40
Friday	1.45¾	1.45¼	1.41½

* Holiday.

BUENOS AIRES, May 29.—Opening prices per bushel on June contracts were:—

	Last week.	Last year.
Saturday	$1.18⅛	$1.00½
Monday	*	1.00½
Tuesday	1.18¼	.99⅞
Wednesday	1.17⅞	*...
Thursday	1.18	*...
Friday	1.18	1.00

* Holiday.

Exports

To—	Last week.	Previous week.	Last year.
	—Bushels—		
United States.....	150,000	280,000	213,000
United Kingdom..	.....	.....	4,000
Continent	500,000	559,000	1,689,000
Orders	16,000	31,000	362,000
Others	.....	.....	.....
Totals	666,000	870,000	2,268,000

Since January 1

To—	This year.	Last year.
	—Bushels—	
United States.....	5,436,000	8,590,000
United Kingdom.....	291,000	659,000
Continent	12,937,000	15,937,000
Orders	6,676,000	10,676,000
Others	1,171,000	1,884,000
Totals	26,511,000	37,746,000

Visible Supply

	Bushels.
Last week.....	6,693,000
Previous week.....	6,890,000
Last year.....	7,087,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	—Bushels—		
United Kingdom...	4,000	132,000	200,000
Continent	8,000	4,000	36,000
Others	.....	.....	.....
Totals	12,000	136,000	236,000

Since April 1—	This year.	Last year.
	—Bushels—	
United Kingdom.....	1,972,000	1,212,000
Continent	536,000	144,000
Others	.....	84,000
Totals	2,508,000	1,440,000

HULL, May 29.—Quotations on flaxseed were:—

	La Plata.	Calcutta.
	—Per ton—	
Saturday	£10⅜	£12¾
Monday	10⅜	12¾
Tuesday	10⅜	12¾
Wednesday	10⅜	12¾
Thursday	10⅜	12¾
Friday	10⅜	12¾

Linseed Oil.—The market here had an easier tone last week, list prices being reduced 1 to 2 points by some crushers. At the close of the period quotations ranged from 8.6c. to 8.9c. per pound for tankcars with the usual differential prevailing for oil in cooperage. Outside quotations were subject to shading. Some business was reported to have been closed at 8.6c. per pound for tankcars and late in the week it was reported that it was possible to purchase at a shade under that figure on a bid.

As a result of the reduction in prices buying interest showed some increase. Sales for the week were apparntly unimportant but even a small improvement in business was gratifying to sellers who were disposed in some cases to take a rather more optimistic view of the business outlook. There was an impression in some quarters that with the uncertainty existing concerning the proposed new taxes on imported vegetable oils removed, some further improvement in demand for linseed oil might reasonably be expected as activity in building is on the increase in many parts of the country.

Flaxseed prices showed irregularity in domestic markets, changes being frequent. Cash demand was good and although receipts were considerably larger than expected the offerings were well absorbed by crushers and cash interests. Reports in regard to the crop situation were less favorable. Rain was said to be badly needed in some sections where the outlook was regarded as good recently. The top-soil in some important sections is said to be so dry that fields seeded with rye have been plowed up and replanted with flaxseed and it is contended that unless generous rains are received soon the flaxseed crop will not get off to the good start that had been expected. Reports in regard to foreign crop conditions continued favorable.

Receipts of flaxseed at New York last week were 259,624 bushels. Shipments from Argentina for the United States were 150,000 bushels making a total since January 1 of 5,436,000 bushels against 8,590,000 bushels in the same time last year. Total exports from Argentina for all destinations thus far this year have amounted to 26,511,000 bushels, or about 11,200,000 bushels less than in the same time last year.

MINNEAPOLIS, May 29.—There has been a fairly steady trade in small lots of oil, not as good as during the preceding week nor up to normal for this time of the year, but the crushers are doing a little business right along. Buyers want cooperage car lots or less and also want quick delivery. Few of them have any supplies in reserve and order as they see a need.

Big buyers still are impressed by foreign linseed crop reports and by talk of a big domestic acreage so they are not much interested in deferred supplies.

Operations proceed at approximately 65 percent of capacity and stocks of oil in tanks continue to fade gradually. Shipping instructions on maturing contracts are quite prompt on the average. The out movement continues to exceed that of last year by a wide margin.

Quotations on carload lots f.o.b. Minneapolis, May-December shipment, cooperage car lots 9.4c. per pound, tankcar lots 8.8c. per pound, warehouse lots 9.8c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week.....	3,341,021	1,271,336
Since Sept. 1.....	84,537,561	40,057,271

CHICAGO, May 29.—Trade in linseed oil has been largely limited to the transactions based on routine business. Demand has expanded a little here and there, but on the whole the takings have been somewhat less than desired. Accordingly, the market lacks snap and is along no particularly broad dimensions. Inquiries are along fairly good lines. Ruling prices of representative sellers are:—Tankcar, 9c. per pound; barrels, car lots, 9.6c.; warehouse deliveries, five drums, 10c.

SAN FRANCISCO, May 25.—Schedule prices in the linseed oil market dropped here last week, going more closely towards the actual selling price of this material. Buying was mostly on the quiet side, with the concensus of the users here being to the effect that the generally poor statistical position offers little inducement for term-contracts. Meantime, a hand-to-mouth business is taking place, with oil available at just under nine cents. Quoted: Tankcars, 9.3c. per pound; drum car lots ex mill, 9.9c.; drum lots ex-warehouse, 10.3c. Meal is quoted at $27 to $28 per ton, ex mill.

LONDON, May 29.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	24	4½
Monday	24	4½
Tuesday	24	1½
Wednesday	24	0
Thursday	23	10½
Friday	23	10½

Cake and Meal.—The market retained a steady tone. Flaxseed prices showed irregularity but quotations on cake and meal on spot were held at previous levels. There was little change in the character of business, takings of both cake and meal being limited to unimportant quantities.

MINNEAPOLIS, May 29.—The market for linseed meal is much better than expected and currently the crushers are finding outlet for their entire output. Buyers are in the market through a wide territory and want quick shipment because of the low stocks they have on hand. Prices rallied a dollar in the past day or so because of this demand. Brokers were selling short and expected a dip in prices, but country buying soon changed their minds and they covered promptly.

Shipping instructions come with most of the orders and the few old contracts open on crushers' books are being cleaned up nicely. Stocks on hand are moderate and the tone of the market is good.

Quotations on carload lots, f.o.b. Minneapolis, 100 pound sacks, 30 percent protein, $21.00 to $21.50 per ton; 37 percent protein, $25.00 to $25.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week.....	2,988,697	787,872
Since Sept. 1.....	184,544,876	63,759,490

CHICAGO, May 29.—The irregularity recently noted in linseed meal here is continuing. Feeder business is being impeded quite extensively because of seasonal pasturage conditions. Offerings on the whole appear rather extensive and this seems to be keeping the market from strengthening materially, in connection with the limited buying. Round lot business is still mostly lacking. Resellers' market activity is along fairly extensive lines. Ruling prices are:—Round lots, $26 per ton, largely nominal; car lots, $26 to $26.50; less than car lots, $28.50 to $29.

Cottonseed Oil

Refined oil futures were irregular in the local market with the trading active at times. Crude oil was easier in the South. Cotton crop accounts were conflicting.

Cottonseed Oil.—The market was irregular last week. The tone was influenced by various conflicting developments and sentiment was mixed with the market rather easily influenced by a comparatively small preponderance of orders on either side of the account. Although fluctuations were not very wide, they were frequent. At one time there was an upturn on the prospect of new taxes on various foreign oils and fats which compete with cottonseed oil. The Senate Committee approved the proposed taxes and announcement of this action caused rather active covering of shorts at one time as well as more or less new buying. On the upturn in prices, however, demand fell off and the market receded.

Crude cottonseed oil was easier in Southern markets although offerings continued light. The trend of lard was downward at times despite firmness in Western markets for live hogs. Lard compound was available at lower prices. Reports concerning demand for that product were conflicting. A better inquiry was reported in some quarters but other reports were to the effect that trade was quiet and predictions were heard that the next cottonseed report from the Census Bureau would make a less favorable showing with respect to consumption of cottonseed oil than in the previous month. Business in many vegetable oils was very quiet, the prevailing uncertainty concerning the proposed new taxes on imported products making consumers disposed to hold aloof from the markets.

Receipts of live hogs in the principal Western centers for four days of the week aggregated 191,300 head against 158,100 in the same time last year. The average weight of the hogs received in Chicago during the week

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE

COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS

Codes: Yoppa, Robinsons, Bentleys, A. B. C. 5th Edition

WHITE

COCONUT AND PALM OIL FATTY ACIDS

Also Complete Line Vegetable and Animal Oil Fatty Acids

Wecoline Products Inc., 15 E. 26th St., **New York**

FALKOVAR YY

This is a new oil, low in price and high in quality, which is finding excellent application in Red Oxide Paint, Tinners Red, Freight Car and Maintenance Paints, as well as a base for Tints.

Samples and descriptive literature sent upon request

FALK & COMPANY
PITTSBURGH, PA.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

ended May 23 was 250 pounds against 247 pounds in the previous week and 238 pounds in the same week last year. Tallow was quiet but the market retained a steady tone. Stocks on spot appeared to have diminished and foreign tallow was still above a parity with domestic product.

Reports in regard to the progress of the cotton crop were conflicting. More favorable accounts came from the Southwest but bullish advices were received from many points in the region east of the Mississippi, lack of moisture being the chief complaint. The crop in many sections of the belt was said to be several weeks late. The weekly government report stated that in Texas cotton has generally come or is coming to good stands. In the central third of the belt conditions were generally favorable. On the other hand in the Carolinas, Georgia, Virginia, eastern Alabama and eastern Tennessee, except locally, progress was poor and rain is badly needed.

Robert W. Capps, president of the New York Produce Exchange, in his annual report issued last week, stated that the year just closed saw the cottonseed oil futures market here enjoying the same high volume of trading as in the previous year, adding: "The increase in trade received from Europe has been significant. Recognizing the expanding economic importance of the market and its scope of price protection to modern production and trade, the oils and fats trade abroad, as well as in this country, have turned more to our market as a hedging medium for edible oils and fats generally.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from May 23 to May 29, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
January	8.73	8.72	8.68@ 8.70	2
May	8.95	8.62	—@—	8
June	8.75	8.70	8.75 nom.	5
July	8.98	8.62	8.77@ 8.78	102
August	...	...	8.80 nom.	..
September	8.98	8.65	8.77@ 8.80	189
October	8.88	8.53	8.69 sales	85
November	...	...	8.70 nom.	..
December	8.83	8.48	8.66 sales	41
Total sales (60 switches)				492

Crude, Southeast, 7.50c. nom.
Valley, 7.50c. nom.
Texas, 7.37½c. nom.

Chicago, May 29.—There is still a slightly further easing tendency in cottonseed oil. Buying has been lagging for some time, until buyers could feel that the recession movement had run its course. At the present time, however, tone appears to be reasonably good, despite spotty price conditions. Prime crude oil in the Valley and Southeast is 7½c. to 7⅝c. per pound; and in Texas and Oklahoma, 7½c. Good, off-Summer, yellow fig oil is 9⅛c. Refined, edible oil is quoted at 10c. to 10¼c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Hull, May 29.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	26	0	23	6
Monday	26	0	23	6
Tuesday	26	0	23	6
Wednesday	26	0	23	6
Thursday	26	0	23	6
Friday	26	0	23	6

Cake and Meal.—Quiet conditions prevailed in the South so far as new business was concerned, the movement apparently being mainly on contracts as usual at this period of the year. Offerings continued light, however, and the ruling tone was steady.

Markets at Other Centers

Atlanta, May 27.—Cottonseed products are slightly weaker in some items, steady in others. Hulls are off more than any other item, dropping $1.00 per ton.

The current crop is off to a bad start with a six weeks drouth over the Eastern belt. Planted late and held back by dry weather, the present outlook is far from promising, but a good rain can bring about a material change.

Quotations of this market are as follows:—

OIL.—Prime crude, 7⅝c. per pound.

MEAL.—7 percent grade, $23 per ton, mill points.

HULLS.—Loose, $13 per ton.

LINTERS. — Second cut, 3½c. per pound.

Memphis, May 29.—Crude cottonseed oil continued quiet during the week. Some sales were made early in the week at 7½c, Valley basis, but mills are now holding for higher prices and expect eight cents wi'l be the next selling point. Butter prices made new highs for the season today and tallow likewise has gone up 50 points the past two days. These developments have encouraged mil's to hold oil pending further developments. Meal has been du'l with the tone of the market somewhat easier. Today 41 percent meal is quoted at $21 per ton, Memphis basis, and $20.50 per ton at Valley points. The cotton crop is up to a very good stand in this section although the plants are small owing to cool weather.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	May 21.	May 28.
July	$21.25@21.50	$20.50@20.80
September	20.25@20.75	19.40@20.00
October	19.70@20.00	19.00@19.25
December	19.70@20.00	19.00@19.25

Animal Oils

Degras.—The prevailing tone was steady. Business was generally along conservative lines but in some cases a fairly active demand was noted for moderate quantities. Supplies on spot appeared to be comparatively light as a rule.

Lard.—Quotations were held at previous levels and the tone of the market appeared to be somewhat steadier than in recent preceding weeks although there was no snap to business, consumers being disposed to adhere to a conservative course in making purchases.

Neatsfoot.—Previous selling schedules remained in effect with the tone of the market steady. Business lacked snap but there were reports of a somewhat better inquiry in a jobbing way from local and other buyers.

Oleo.—The market remained in an easy position in the absence of any improvement in business, consumers still being disinclined to anticipate to any extent. Quotations were reduced 50c. per 100 pounds.

Tallow.—Prices were steady at the recent decline. Business was of a routine character.

Markets at Other Centers

Chicago, May 29.—Further slight recessions have been the order of the day in the animal oils. Prices are quite easy and business being done at this time is not overly active. Buyers do not appear anxious to place large scale orders, and meanwhile some additional price recessions have developed. Offerings are moderately large. Tone of the market appears quite easy.

LARD.—No. 1, 8c. to 8½c. per pound; No. 2, 7¾c. to 8c.

OLEO.—No. 2, 9c. to 9½c.

TALLOW.—Acidless, 6¾c. to 7c. per pound, tanks; 8¼c. to 8½c., drums, less than car lots.

DEGRAS.—Spot, 6c. to 6¼c. per pound; neutral, domestic, 9c. to 10c.

Fish Oils

Cod.—Quieter conditions prevailed here, consumers being inclined in many cases to hold off for further developments in other commodities as well as in the situation abroad where the market still appeared to be firm with offerings light.

Menhaden.—Refined selling schedules were held at previous levels with the tone of the market steady. Business was quieter, inquiries and orders being limited to unimportant quantities to fill current or nearby requirements. The crude situation lacked new features of interest. Buyers were inclined to hold off while the attitude of sellers remained the same as in recent preceding weeks.

Sardine.—Local quotations on refined oil were without further change, the tone of the market apparently being steady. Business continued quiet, consumers being inclined to hold aloof or limit their takings to small lots to fill current needs. Crude oil was nominally 3c. per gallon lower on the Coast.

Sperm.—The tone remained steady with quotations held at previous levels. There was a fair inquiry from local and outside buyers.

Markets at Other Centers

San Francisco, May 25.—Spot prices on old season California sardine oil eased up last week, when sellers in this market came out with offers of oil at 28c. per gallon. No takers are interested, however, and the market is slow.

New seasonal material is still hanging in the balance. Forward trading is as yet not under way, according to the trade and no interest can be traced in any direction. The opinion is general, however, that fish oils are not likely to bring any too substantial prices, based on competitive products at the moment.

Alaska herring fishing is scheduled to get under way inside of two weeks now, the fishermen and fisheries in that territory having settled on the matter of price for the coming season. Pilchard fishing will probably start about a month later, it is learned.

Oregon and Washington fish reduction plants are getting ready to start next month. Much will depend upon the weather conditions and the run of fish. Last year fishing was spotty, especially early in the season.

Ruling prices are:—

SARDINE.—California oil, from past season, quoted at 28c. per gallon in tankcars, f.o.b. Northern California. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums, f.o.b. San Francisco.

SALMON.—Quoted nominally at 30c. per gallon in tankcars, f.o.b. Pacific Coast.

Baltimore, May 27.—The market for menhaden fish oil remains in the dormant state that it has occupied now for many weeks. Fishing in Florida has proved very poor, while operations along the North Carolina coast will not begin for another week, and on the lower Chesapeake Bay and off the Virginia capes the beginning of the season is still three weeks off. There is consequently nothing that might be expected to give the business even a measure of vitality. The lowering prices on tallow and grease have made potential buyers of oil yet more conservative and no figures are being mentioned by them, though one intimation seems to have seeped out, this being 20c. to 23c. per gallon. At such a price there is of course no offer of oil, nor can a definite prospect said to loom up. Much will naturally depend upon the result of operations by the Chesapeake Bay fleet when the season opens. If there is a scarcity of fish the factories will hold back with offers of oil, while good hauls will dispose to an easing market. But for the present, complete inactivity prevails, with both sides maintaining a waiting attitude. Pressed oil is still held at 41c. per gallon in drums, and 42c. in barrels.

Chicago, May 29.—Fish oil business has remained slow and inconclusive. The West Coast reports reflect existence of a situation that is more nearly nominal than otherwise, and accordingly, tone here is dull and the market as a whole colorless. Buying is slow in all grades of material. In other products, considerations are being given to new season situations.

COD.—Newfoundland, 40c. to 41c. per gallon.

MENHADEN.—East Coast, 33c. to 34c. per gallon.

SARDINE.—Pacific Coast, 31c. to 32c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 31c. to 33c. per gallon, largely nominal.

Fats and Greases

Grease.—The tone was regarded as steadier by some but there was no quotable change in prices as business failed to show any improvement of consequence, consumers being inclined to adhere to a conservative course in making purchases.

Lard.—Cash lard was irregular in company with developments in futures in the West where the trend of prices was downward early in the week with a somewhat steadier tone later on. Demand here was quiet. The Chicago market for live hogs had a firm tone, prices being moderately higher at one time. Receipts of hogs in the principal Western markets for four days of the week were 191,300 head against 158,100 head in the same time last year.

Stearine.—The market remained in an easy position, quotations being shaded ¼c. per pound. There was a fair inquiry for moderate quantities.

Tallow.—The prevailing tone was steady despite the absence of any material increase in buying interest. Occasional inquiries were reported but actual transactions were apparently limited to comparatively small quantities, large consumers still being inclined to hold off for further developments in the general fats and oils situation. On the other hand offerings were light. The last business reported was on the basis of 4⅛c. per pound, f.o.b., for extra. The Western market was steady with some improvement noted in the inquiry. Foreign tallow remained above a parity with domestic product.

Following is a record of the market for tallow futures on the New York Produce Exchange from May 23 to May 29, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
June	...	...	4.80@ 5.00	..
July	5.00	4.65	4.85@ 5.00	7
August	...	...	4.90 nom.	..
September	5.20	4.80	5.10@ 5.16	17
October	...	...	5.10@ 5.20	..
November	...	...	5.10@—	..
Total sales (2 switches)				26

Chicago, May 29.—Cash lard has continued quite moderate, while tone of the market has remained reactionary. The trade is not very friendly to the buying side nor does it want to carry large supplies. Statistics are being variously interpreted but mostly bearishly. Shipping trade, domestic and export, is fair.

The range of lard quotations from the opening Saturday, May 23, to the close Friday, May 29, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.22	$10.22	$9.90	$9.90	$10.30
July	10.10	10.10	9.90	9.95	10.12
Sept.	10.10	10.15	9.90	9.95	10.20

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 4½c. to 5c.; fancy, 4¾c. to 5c.; prime renderers', 4¼c. to 4½c.; B country, 3¾c. to 4c.

GREASES (tierces). — Choice white, 5½c. to 5¾c. per pound; A white, 5c. to 5½c.; B white, 4¼c. to 4½c.; yellow, 10-15, 3¾c. to 4c.; yellow, 16-20, 3⅝c. to 3⅞c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 10¼c. to 10½c.; A white grease, 5c. to 5½c.; A white grease, export, 5¾c. to 6¼c.; yellow grease, 4c. to 4½c.; extra oleo stocks, 9¾c. to 10c.; No. 2 stocks, 9¼c. to 9½c. (Oleo stocks in car lots.)

Liverpool, May 29.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.	Sept. s.	d.
Saturday	52	6	48	0	48	3	48	6
Monday	52	6	48	0	48	0	48	6
Tuesday	52	0	47	0	47	6	48	0
Wednesday	51	0	46	6	47	0	47	9
Thursday	50	6	46	6	47	0	48	0
Friday	50	6	46	0	46	9	47	6

Liverpool, May 29.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	26	0	22	3
Monday	26	0	22	3
Tuesday	26	0	22	3
Wednesday	26	0	22	3
Thursday	26	0	22	3
Friday	26	0	21	9

Fatty Acids

Red Oil.—The market was steady at the reduction in prices announced in the previous week. Consumers were not disposed to anticipate to any material extent, but there was a fair demand for moderate quantities.

Stearic Acid.—There were no further developments in the way of price changes. Crude material appeared to be steadier and quotations on stearic acid were held at previous levels. Business was of a conservative character.

Markets at Other Centers

Chicago, May 29.—The fatty acids market has remained dull and a little easy in tone. Prices are unchanged in most cases to perhaps a slight shade easier in others.

FATTY ACIDS.—Corn oil, double distilled, 5¾c. to 6c. per pound, tankcar; 6¼c. to 6½c., barrels, car lots; 6¾c. to 7c., barrels, less than car lots; coconut oil, acidulated, 6c. to 6½c. per pound, tankcar, mostly nominal; 6½c. to 7c., barrels, car lots; 7c. to 7½c. barrels, less than car lots; cottonseed oil, double distilled, 5¼c. to 5¾c. per pound, tankcar; 5¾c. to 6¼c. barrels,car lots; 6¼c. to 6¾c. barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3½c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1⅝c. to 1½c.

STEARIC ACID.—Single press, 8c. to 9c. per pound; double press, 8½c. to 9½c.; triple press, 11¼c. to 12¼c.

RED OILS. — Distilled or saponified, tanks, 7¾c. per pound; drums, 8½c.; barrels, 8⅝c.

Waxes

Bees.—Exceptionally firm prices backed by steady and somewhat expanded demand prevailed on the spot during the past week. All markets showed this firm position. Bleachers reported that bleacning operations were going forward in good fashion and satisfactory products are expected to supply all requirements of the consuming trade this year. Importations of Egyptian beeswax during the first quarter of 1936 totaled 37,172 pounds. The total shipment from Egypt to the United States in 1935 was 182,858 pounds.

Candelilla.—Spot quotations were somewhat steadier than they were recently and competition seemed to be less prevalent on the spot. Slightly more interest was shown by buyers and by the close of the week a fair-sized volome of business had been done.

Carnauba.—Not muih change came over the local market last week. Demand continued to be moderate in size and sellers with a limited surplus of stocks seemed disposed to meet reasonable bids. Prices lacked quotable change but they were subject to shading. In the primary market, values were very firm and shippers did not appear to be the least bit disturbed by the present lack of substantial orders. It was felt that the unsold stocks at the source were insufficient in size when compared with probable requirements of the world between now and another crop and it was to that fact that dealers here attributed the unrelenting strength in which stocks were held in Brazil.

Japan.—Hand-to-mouth trading was the rule on spot and there was not a great deal of that sort of trade. Buyers' requirements were small and were filled in a market where price conditions were favorable for those who had firm orders in hand.

Caustic Potash Project in Japan

The Nippon Denki Kogyo K.K. recently completed its plant in Yokohama for the production of caustic potash and chlorine products, according to information received by the Department of Commerce from the trade commissioner at Tokyo. The company has a daily productive capacity of 28 metric tons of caustic, the present production of which is estimated at 22 to 23 tons. The plant has facilities for the production of 10 tons of bleaching powder daily, 7 to 8 tons of muriatic acid, 5 tons of liquid chlorine.

SNOWFLAKE BEESWAX
Sun-Bleached and Filtered

E. A. BROMUND CO.
Established 1880
Bleacher and Refiners of Beeswax
258 Broadway, New York City
FRANK B. TRACY
201 N. Wells Building, Chicago
C. L. IORNS
619 Clark Ave., St. Louis, Mo.
Beeswax Bleachery and Refinery in Morris County, N. J.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

HAVE YOU MODERNIZED YOUR PRODUCTS LATELY?

IF YOU manufacture drug, pharmaceutical, or cosmetic items and have not modernized your products lately, this message may increase your sales.

The J. T. Baker Chemical Co., pioneer of C. P. Laboratory Reagents, is making today a number of medicinal and pharmaceutical chemicals with qualities long hoped for but previously unfound, except at prohibitive prices. The unique features of these chemicals have re-vitalized the sales and advertising appeals of many nationally-known drug and cosmetic items.

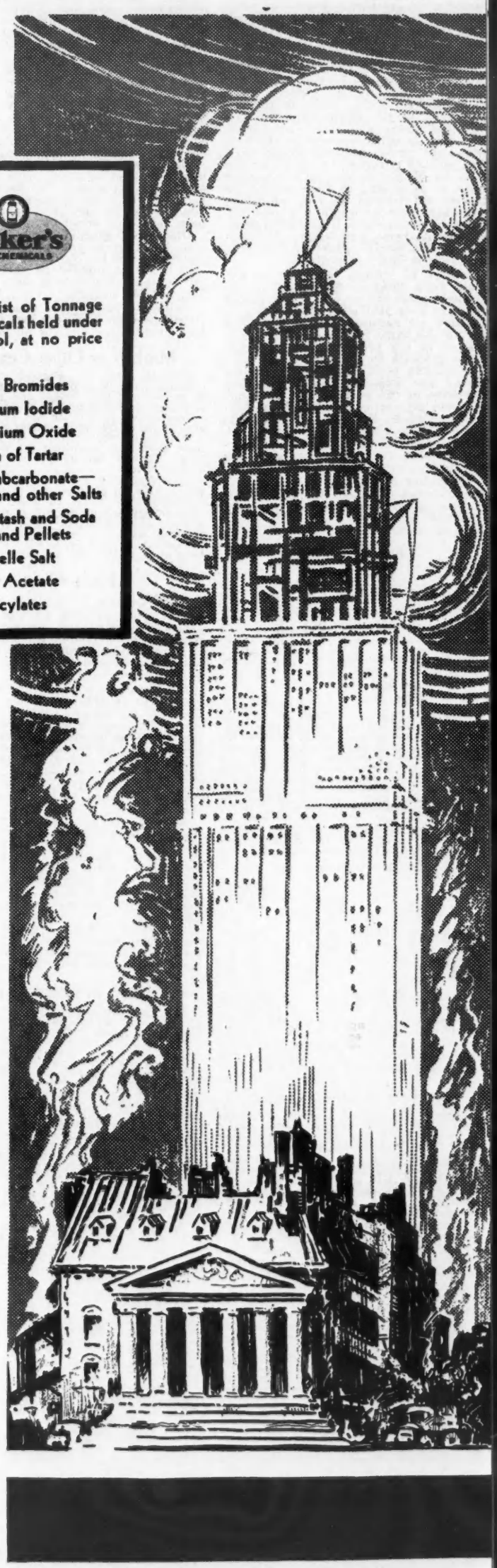
Because Baker is comparatively new in the fine chemical field, frequently the full significance of these Baker contributions to better quality and convenience is not fully realized. Those who have discovered Baker are loud in their praise of the remarkable purity of Baker Fine Chemicals. That is why Baker has earned the business and good will of so many discriminating manufacturers in the drug and pharmaceutical field.

Perhaps you, too, have a drug or cosmetic item that needs modernizing to increase its usefulness, and step up sales. Why not investigate the Baker line of Fine Chemicals? You will find the Baker representative worthy of your confidence—a true reflection of the entire Baker organization. See the Baker representative the next time he calls.

Baker's
FINE CHEMICALS

A partial list of Tonnage Fine Chemicals held under rigid control, at no price premium.

Alkali Bromides
Potassium Iodide
Magnesium Oxide
Cream of Tartar
Bismuth Subcarbonate—Subnitrate and other Salts
Caustic Potash and Soda Sticks and Pellets
Rochelle Salt
Lead Acetate
Salicylates



J. T. BAKER CHEMICAL CO., Phillipsburg, N. J.

NEW YORK 420 Lexington Avenue
PHILADELPHIA 220 South 16th Street
CHICAGO 624 South Michigan Blvd.

Drugs, Fine Chemicals

Agar Agar Strong with Price Tendency Still Upward — Menthol Dull and Subject to Shading — Methyl Acetone Competitive — Photographic Chemicals in Good Request

Price activity in the market for drugs and fine chemicals was virtually nil last week. Leading manufacturers of these entities maintained steady schedules of prices and indicated that in most instances the items were in exceptionally steady position. Demand was fairly good. Seasonal articles, such as photographic chemicals, were in excellent request and the increase in volume has brought trade up to a basis normal for the group at this time of the year. Such materials were in firm price position throughout the period.

Mercurials proved to be very steady and the demand for calomel and corrosive sublimate was good. Quicksilver lacked further change in price and to some extent values seemed to have assumed a steadier position at the levels reached through the recent declines. Production on the Pacific Coast was not expected to undergo major expansion this summer. Iodine and iodides were steady at the recent declines. Demand for potash iodide was very good and the call for tincture of iodine was excellent and seasonal.

Bromides were steady. Ammonia, potash and soda bromides lacked further reduction and seemed to have become fairly stable at current quotations. Strychnine salts were in somewhat smaller demand so far as new business was concerned but sales volume was said to be about normal. Silver salts occupied a steady positon in the absence of any change in the price of silver bullion in this country. The London quotation on bullion was lower.

Agar agar was exceptionally firm and conditons were expected to bring about further advance in quotations because of the strength clearly defined in the Japanese market. Menthol was dull and sluggish with prices being reported subject to shading. Methyl acetone lacked further change but the market was still very competitive.

New denaturing requirements on C. D. alcohol appear elsewhere in this issue. Fairly expensive denaturants are required by the Treasury Department.

Acid, Citric.—More seasonal weather led to betterment in sales and throughout the past week a more active interest was disclosed in this article. The material has been established at a price low enough to encourage an expansion in its use by manufacturing consumers.

Acid, Lactic.—Trading was in fair sized volume and took place at firm and well established spot prices so far as the U.S.P. article was concerned. The replacement cost of the merchandise was firm at the source and some very good business for import was reported done with the United States.

Acid, Tannic.—The more favorable quotations in effect on fluffy tannic acid were firmly held last week. The lower levels recently set were said to have acted as a stimulus to buyers and volume during the past week was reported to have been very good.

Acid, Tartaric.—More seasonable weather led to better demand and a moderate increase in sales during the past week. The market prevailed in steady fashion throughout the period and closed in firm position.

Agar Agar.—Because of the fact that the recent advance in Japanese prices was well maintained at the source, spot quotations on all kinds of agar agar were in exceptionally firm position last week and the tendency seemed to be toward a further rise in values. Unsold stocks were not very large on this market last week.

Alcohol.—Demand was along routine lines and consumption was well within the limits to be expected at this season of the year. Price developments were lacking but it was reported that buyers of antifreeze formulas of denatured alcohol were already showing an interest as to what quotations are likely to be for the next season and an announcement of the schedule would not come as a surprise. Of interest to denaturers producing specially denatured alcohol formulas 25 and 25A was the fact that the Commissioner of Internal Revenue has promulgated a revision of the formulas, said revision permitting the use of soda iodide as an alternative for potash iodide as a denaturing material.

Aloin.—A report concerning the 1936 crop of Curacao aloe stated that abundant rainfall in Aruba and Bonaire is expected to produce a total output of 6,700 cases containing each 125 pounds. In addition, there was said to be a holdover stock of 3,200 cases, but these were expected to be placed on the market soon. Aloin was steady in price last week and demand was about fair most of the time.

Bismuth Metal and Salts.—Business was rather quiet last week. Buyers' requirements seemed to be somewhat smaller than they had been of late and the result was that most sellers noted a slightly smaller volume of transactions by the close of the period. Prices remained steady.

Bromides. — Ammonia, potash and soda bromides wer fairly steady at the lower price levels recently established. The demand was in good sized volume but it came from routine sources of consumption and was little changed from the type of demand current for some time past. The market was still competitive.

Caffeine.—Seasonal demand was said to be very good in most quarters and the market had a very firm undertone last week. The movement of alkaloid was especially good and the demand was filled in a market lacking in signs of compeition likely to affect the price structure.

Castor Oil.—Business lacked much change. The demand was even with that current in the past several weeks and prices seemed to maintain a firm tone at all times. Consumption of castor oil during the first quarter of this year was approximately 7,000,000 pounds and production during that period was about 18,500,000 pounds. Stocks in factories and warehouses on March 31 were 11,700,000 pounds.

CHICAGO, May 28.—Castor oil prices are unchanged, while business proceeds at a rate which is comparatively satisfactory to sellers. Drug trade orders are reported reaching fairly good totals. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11⅛c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Glycerin.—The market was unquestionably firm and well maintained. Consumption of chemically pure glycerin was at a rate that accounted promptly for the output of the producers. Production costs remained high enough to make prices strong on the basis of the recent advance. Crude lacked any signs of weakness. Production of glycerin during the first quarter of this year was as follows:—Chemically pure, 17,800,000 pounds; crude, basis 80 percent, 32,300,000 pounds; dynamite, 10,400,000 pounds.

CHICAGO, May 28.—C.p. glycerin has held its own in good fashion here recently. There is little difficulty in getting contract holders to take out their commitments. The tone is firm. Other grades or material are also in good market position. Ruling prices are:—C.p., drums, car lots, 14½c. per pound; drums, less than car lots, 15c.; cans, less than car lots, 16½c. to 17½c., according to quantity; dynamite, car lots, 14½c., less than car lots, 15c.; soaplye, 11¼c. to 12¼c.; yellow, distilled, drums, car lots, 14⅝c.; less than car lots.

Hexamethylenetetramine. — Quotations on U.S.P. material were firm to steady on the basis of 46c. to 47c. per pound. Demand was routine in most respects, but the call came in regularly and quantities needed kept sales volume close to normal.

Hydrogen Peroxide.—Sales were in good-sized volume at firm prices. Seasonal expansion in request was noted and the result was steady undertones and an absence of much competition in local circles.

Iodine and Iodides.—A more stable market seemed to prevail locally. Consumption of crude was running to excellent volume, which was accounted for by the very good demand for iodides in general and potash iodide in particular. Request for tincture of iodine at its new low price was also active and somewhat larger.

Iron Reduced. — Quotations were steady. The market was fairly well supplied with goods, but there did not appear to be a surplus of supplies.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Silver bullion, London, ⅜ pence per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.9	183.9	184.6	186.4

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P.
FLAG BRAND WHITE OILS
All Viscosities
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
Stocks carried in New York and other cities
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
MUrray Hill 6-1900

FINE HEYDEN CHEMICALS
SALICYLATES
Acetyl Salicylic Acid
Salicylic Acid — Sodium Salicylate
Methyl Salicylate — Minor Salicylates
BENZOATES
Benzoate of Soda — Benzyl Chloride
Benzoic Acid — Benzaldehyde
Formaldehyde — Creosote
Para Formaldehyde — Creosote Carbonate
Hexamethylenetetramine — Guaiacol
Bromides — Guaiacol Carbonate
Silver Proteins — Potassium Guaiacol Sulphonate
Glycerophosphates
factories GARFIELD, N.J. PERTH AMBOY N.J
HEYDEN CHEMICAL CORPORATION
50 UNION SQ. NEW YORK, N.Y.
180 N. WACKER DR. CHICAGO, ILL.

Requirements of manufacturing consumers were about normal in size.

Lithium Salts.—There was inquiry for lithium glycerophosphate in the market last week, but there were few able to supply the article. Bromide had a fair, but entirely routine call. Carbonate was steady and in moderate request, while the demand for citrate was conventional, but also steady for small amounts. No change was made in the price schedule.

Menthol.—Demand was dull. Buyers were aloof from the market and signs of an early return to more active trading were lacking. Stocks unsold on the spot were fairly large and were also widely enough distributed to make the market highly competitive. Open quotations lacked change but they were subject to shading occasionaly.

Mercurials.—This group of quicksilver derivatives was about steady notwithstanding the recent declines in the prices on raw material. Interest in calomel and corrosive sublimate was well up to normal expectations and the sales of other mercurials was also fairly good. Prices were steady and lacking in change.

Methyl Acetone.—Competition between the natural and synthetic article was said to be keen and prices were none too steady during the past week. However, the further decline in prices on synthetic which had been expected failed to materialize last week.

Milk Powder.—Production showed some tendency toward increase in keeping with some improvement in the supply of raw material. Prices were steady in all quarters, lacking quotable change last week. Competition was fairly active. Demand was about normal.

Potash Citrate.—Very good demand

NAPHTHALENE
Industrial and Fine
CHEMICALS
Since 1918 we have been serving many of the largest producers and consumers here and abroad with a service that has gained their
CONFIDENCE
H. H. ROSENTHAL CO., Inc.
AShland 4-7500 New York City 25 East 26th Street

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
205 E. 42nd St., New York, N. Y.

BORIC ACID-BORAX
Stauffer
. . . . constantly dependable for half a century
BORIC ACID · CARBON TETRACHLORIDE · BORAX · TITANIUM TETRACHLORIDE · CAUSTIC SODA · SULPHUR CHLORIDE
SULPHUR · SILICON TETRACHLORIDE · CREAM OF TARTAR
SULPHURIC ACID · CARBON BISULPHIDE · TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. · 2710 Graybar Bldg., New York, N. Y. · Freeport Texas
Carbide and Carbon Bldg., Chicago, Ill. · Rivera-Strong Bldg., Los Angeles, Cal.
Stauffer

PRIVATE FORMULA WORK
COSMETICS
You can do a million dollars in yearly business without owning a single machine or the employment of labor. Let us outline our methods that set you free from all production worries. Confidential and complete service. Conveniently located in the Metropolitan District. Preliminary consultation places you under no obligation, of course.
Also Headquarters for Drugs, Chemicals, Essential Oils, and Allied Products.
EHRMANN-STRAUSS CO., Inc.
202 W. Houston Street, New York
"IF IT'S A DRUG · WE HAVE IT"

Carey PRODUCTS
Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
THE PHILIP CAREY CO.
Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

SHERKA
MENTHOL CRYSTALS
SYNTHETIC
THYMOL U. S. P.
CRYSTALS
MUSTARD OIL
ARTIFICIAL U. S. P.
CAMPHOR
SYNTHETIC
UREA
TERPIN HYDRATE U. S. P.
SHERKA CHEMICAL CO., INC.
86 ORANGE STREET, BLOOMFIELD, N.J.
Telephone Bloomfield 2-6800

Established 1910
HUISKING
IMPORTERS AND EXPORTERS
DRUGS, CHEMICALS, OILS, RAW MATERIALS, Etc.
Haarlem Oil, Genuine Dutch Klass Tilly
Camphor Synthetic, U. S. P. XI, DuPont
Camphor Natural, Japanese
Naphthalene, balls or flakes
Alkaloids
Cocoa Butter U. S. P. bulk or fingers
Lanolin U. S. P. Hydrous, Anhydrous
Lithol
Menthol
Spermaceti
Sulphur Precip. U. S. P.
Witch Hazel, N. F.
THE PEDER DEVOLD OIL CO. LTD. ESTABL. 1872 MANUFACTURERS OF PEDER DEVOLDS TRADE P.D. MARK COD LIVER OIL AALESUND NORWAY
Sole U. S. Representatives for Shipkoff's OTTO OF ROSE
CHAS. L. HUISKING & CO.
— INCORPORATED —
Chicago Branch: 561 E. Illinois Street
155 Varick Street, New York, N. Y.

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
Reg. U. S. Pat. Off.
AND BORIC ACID
TRONA Reg. U. S. Pat. Off.
"TRONA" MURIATE OF POTASH
TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

existed for this item and the market had a steady undertone throughout the past week. Production costs have become fairly stable on the lower levels established when citric acid was reduced recently. Stabilization of values was expected to continue for some time to come.

Quicksilver.—Spot quotations were fairly steady and some quarters declared that they were firmer than they were recently. Business was still somewhat sluggish but sellers looked forward to a resumption of selling in volume closer to normal in the not far distant future. Major increases in domestic production is not expected this summer.

SAN FRANCISCO, May 25.—Business in quicksilver is routine these days. There has been a slightly increased interest since a week ago, but sellers on the Coast state the market is generally quiet. Prices are said to have firmed up slightly. Production, now that summer is approaching, is not pointing towards any marked increase over last year, athough there is understood to be a little more activity. The market is quoted at $75.50 per flask in 100-flask lots, New York delivery basis; local quotation, 65c. per flask less.

Quinine. — Importations of quinine and cinchona derivatives during the first quarter of this year were as follows:—Sulphate, 255,000 ounces; all other salts, 575,000 ounces. Demand for quinine continued to be well maintained at levels close to the volume of transactions noted during the active Winter months. Prices named by the home manufacturers were very firm.

Salicin.—Although the market was not very active and conditions pointed toward the presence of a substantial competition in local circles, open quotations were unchanged last week. Demand was for the immediate needs of smaller users of the article.

Santonin.—Some said that there was slightly more inquiry in the market and such a development would be in line with seasonal expectations. Prices remained in steady position and competition was no longer present to the extent that caused the sharp decline in prices. The recent advances have been well maintained and a more stable situation has been secured.

Silver Nitrate. — The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	20 1/16
Monday	32⅝	44¾	20 1/16
Tuesday	32⅝	44¾	20
Wednesday	32⅝	44¾	19¾
Thursday	32⅝	44¾	19 13/16
Friday	32⅝	44¾	19⅞

Soda Benzoate.—Quotations ranged 46c. to 50c. per pound according to quantity and the market appeared to be in well stabilized position thereat. Demand was very good and deliveries against contracts were prompt and in excellent volume.

Soda Cacodylate.—Demand was steady and slightly increased over that in the previous trading period. Sellers reported prices to be on a firm basis. stocks were ample to cover any reasonable expansion in consuming request.

Soda Hydroxide.—The USP sticks sold at 23c. to 24c. per pound according to quantity and the market appeared to be fairly stable at that position. Stocks were said to be moderate in size yet also sufficient to meet the current needs of buyers.

Strychnine.—Demand has tapered off somewhat and left the movement down to the level about normal so far as new business is concerned during the present time in most years. Quotations retained firmness in all direction, which condition was in line with the prevailing cost of production.

Tartar Emetic.—The market was not exceptionally active but the call was fairly satisfactory and in most respects undertones were firm and prices were well maintained throughout the past week. Stocks were said to be moderate but sufficient to meet current requirements of the trade.

Thymol.—Although the market was fairly competitive, quotations retained a steady position and so far as could be learned most transactions were put through at full market prices. New business was in line with normal trade in the material.

Vanillin.—Because of the strength noted in the position of raw material, vanillin made from eugenol was said to be exceptionally firm at prices entirely lacking any signs of unsettlement. Demand for vanillin was very good, that condition applying to the article made from eugenol as well as that produced from guaiacol.

Petroleum Products Many Uses

S. Schwabacher & Co., importer of mineral oils, this city, is distributing an interesting and very readable folder containing an article, "A Thousand Little-known Uses for Petroleum Products," which, as the title indicates, relates the manifold industrial uses of petroleum products. An important part is played by white mineral oils, medicinal and technical grades, which find many applications in the pharmaceutical, cosmetic, textile, paper and other industries. The company will be glad to mail copies of this colorful story to those interested.

Dohme Stockholders Denied Review

By refusing to review the decision of the United States Circuit Court of Appeals of the Fourth Circuit, handed down on April 6 last, the United States Supreme Court, May 25, put an end to the litigation instituted by Dr. A. R. L. Dohme, Edward C. True and Adele Dohme True, his wife, and Frank C. Starr, who had taken the case to the highest tribunal in the expectancy of avoiding payment of more than $118,000 additional Federal taxes for 1929 in consequence of the reorganization of Sharp & Dohme, Inc., manufacturer of pharmaceuticals in Baltimore and Philadelphia, effected that year. This reorganization involved approximately $13,500,000, its purpose being to sell to the outside public a large interest in the business of the corporation and decrease the relative holdings of the petitioners who had at that time some 90,000 shares of the no-par capital common stock.

PINE TAR FOR EXPORT

We specialize in export of all grades of Pine Tar, including special grades to buyers' specifications.

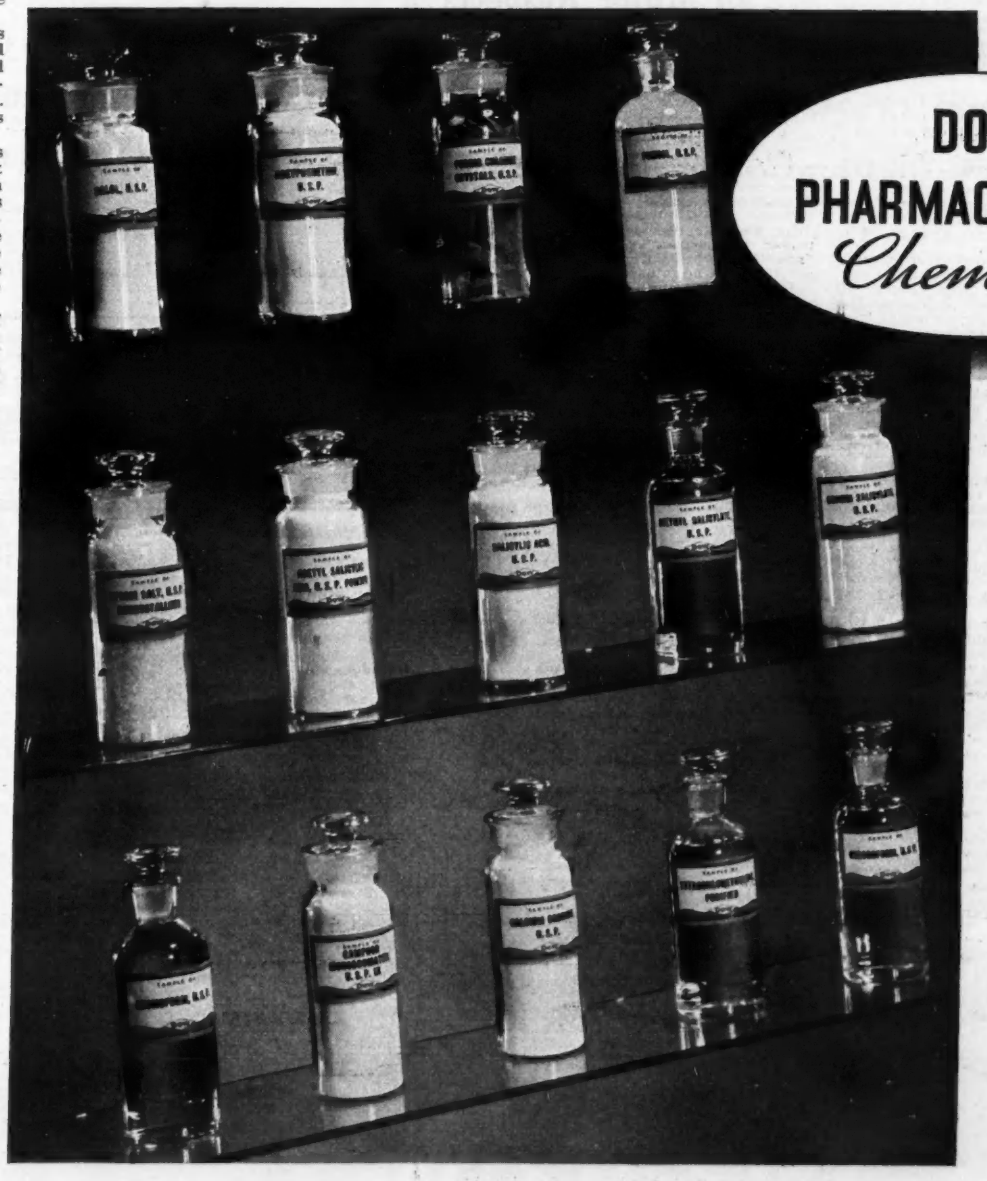
Samples and quotations f. a. s. U. S. A. Ports or c. i. f. Overseas Ports on request.

Enquiries from Indent Buyers solicited.

For full particulars apply to

ATLANTIC, WHITE SEA AND BALTIC CO., Inc.
80 JOHN STREET, NEW YORK

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.



Thirty-seven Dow pharmaceutical chemicals, every one highly regarded and extensively used, combine to give Dow the staunch favor it enjoys with pharmaceutical and medicinal products manufacturers.

Since the majority of these products originate in a single, basic chemical source, they benefit from intensive research and *controlled* production. Thus, they offer exceptional standards of purity together with undeviating characteristics.

THE DOW CHEMICAL COMPANY, MIDLAND, MICH.

Branch Sales Offices:
30 Rockefeller Plaza, New York City
Second and Madison Streets, St. Louis

DOW

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

Keim is Honored at Bon Voyage Dinner

(Continued from page 26)

ences that have been swayed to tears and cheers, who have been spell-bound and otherwise at the will of R. D., I, too, have wept and cheered.

What he does not know is that in the course of our long business relationship I have sometimes looked around and found to my amazement that I was the only one in his audience.

This in no way dimmed R. D.'s enthusiasm and this is one of the qualities which we treasure in our past, present and future relationships with our esteemed vice-president.

Before he was ever an executive Mr. Keim was a salesman. As an executive he is still a salesman. Thirty-two years ago he was not only a salesman but was our entire sales organization—and it was a good organization for it had in it the power to grow.

Among his many outstanding qualities there is one which I have known few men to possess to the same degree. That quality is fairness. Fairness in the finest sense of the word. Fairness that recognizes the rights and viewpoints of others, that inspires loyalty, both in men and in an organization at large, that wins friends and holds them, whether among competitors, customers or associates.

It has been the fairness of R. D. Keim that has made him invaluable in bringing to us the problems of dealers and finding the common ground in any situation on which we could work in harmony and mutual understanding.

His fairness has made him the much loved chief of our sales organization. He has inspired men to give all they had—to make the most of their opportunities in their business lives—to grow and keep growing.

It is no wonder that he has trained a fine string of thoroughbreds to carry the Squibb colors. He has given them a severe and fearless schooling, always tempered with that wonderful warmth of personality which makes men willing to acquire discipline.

His toughest assignment has been training his boss. R. D. and I have spent twenty-five years together and I have enjoyed every one of them.

Speaking of those twenty-five years, the other day I was rooting through some old material and came across a picture of R. D. taken some twenty years ago. He was indeed a handsome young man. The very personification of Beau Brummell. He still is handsome but during those twenty years he has added many lines of character, for written in his face you will find the experiences that go with real leadership, the records of every hardship and of every victory, and from those experiences mature the character of a man, the character of a business and the character of a country.

There are certain matters about which I wish to speak seriously tonight. I do not know whether you are aware of it or not, but R. D. is a Republican.

As a Republican he has devoted all of his spare time, not to mention the company's time, during the past three years, two months and twenty-four days, to disposing of the difficulties created by the Democratic Party.

Today he feels that with the remaining few self-confessed Republicans he has completed his work, that America has been saved, that prosperity is on the way, that harmony and peace will be the watchword of both parties from now on, and that convention time will be so dull that there is nothing left for him to do but go elsewhere for excitement. So, he has looked around the world, and now that Ethiopia is a part of Italy, has concluded just to make a trip to the more important centers of Europe and to lend his services, in a quiet way, when he is not otherwise engaged, to the League of Nations and the executive managments of England, France, Germany and Italy.

We hope that he will be more successful than he has been with the Republican Party.

We hope he will have fun. Not too much fun, but just enough.

Wherever R. D. is, he will have fun. He will have friends. And while he's over there having a good time for himself we will miss him.

So, before the boat sails I am beginning to look forward to that return voyage which will bring back to us the best of friends, the best of orators, our vice-president and sales counselor, who will, we hope, have gained wisdom from his contacts with the potentates of Europe and return to his happy hunting ground at 745 Fifth Avenue, a sadder but a wiser man.

Among the many leaders of the drug industry who paid tribute to Mr. Keim with brief remarks during the evening were: Percy C. Magnus, of Magnus, Maybee & Reynard, and president of the New York Board of Trade; George Tompkins, New York manager for Parke, Davis & Co.; A. H. Shattuck, formerly New York manager for Abbott Laboratories; R. E. Dorland, New York manager for the Dow Chemical Co.; James Chilcott, chairman of the Drug, Chemical and Allied Trades section of the New York Board of Trade; Harry J. Schnell, of the OIL, PAINT AND DRUG REPORTER and the *Druggists Circular*, who spoke for the pharmaceutical press; Milton Malakoff, of the New York Pharmaceutical Council; Thomas Farrell, of the *Drug and Cosmetic Industry*.

Guests at the dinner drank a toast to Mrs. Keim and concluded a pleasant evening by tendering their individual felicitations to Mr. Keim in person.

Mr. Keim was to leave for his European vacation at midnight, May 29, on the S. S. Bremen.

Drug Bill Changed In Major Respects

(Continued from page 27)

ous or deleterious substance which may render it injurious to health." Because of changes in the numbering, section 402 is designated as section 404, and the reference to sections 701 and 703 is omitted.

Variation Clause Changed

(b).—The reference to sections 701 and 703 is omitted. The variation clause has been limited to the strength of a drug, no deviations in quality or purity being permitted. This clause now reads:—"No drug shall be deemed to be adulterated under this paragraph because it differs from the standard of strength therefor set forth in an official compendium, if its standard of strength be plainly stated on its label." The confusing paragraph (d) remains in the bill.

Section 402 (a).—The qualifying word, "demonstrable," has been eliminated from the term, "demonstrable scientific facts."

(b).—This paragraph has been reworded to read:—"If it is dangerous to health when used in the dosage, or with the frequency or duration, prescribed or recommended in the labeling or advertisement thereof."

(c).—The phrase, "it fails to bear," in the first line, has been changed to "unless it bears."

(e).—The identification of unnamed narcotic or hypnotic drugs that are proscribed has been changed to read:—"which derivative or other narcotic or hypnotic substance has been designated as habit forming by regulations prescribed by the Secretary."

Formula Disclosure Not Mandatory

(f) (2).—Alcohol contained in a drug is required to be stated on the label in quantity, kind, and proportion. As an alternative for the naming of each active ingredient on the label it is provided:—"Such subdivision (2) shall not (except the requirements as to alcohol) apply to any drug the ingredients of which are fully and correctly disclosed to the secretary."

Directions on Label

(g) (1).—The directions required on the label are now "adequate directions," instead of "complete and adequate directions."

(g) (2).—The requirement of warnings on labels now reads:—"such warnings, in such manner and form, as are required by regulations prescribed by the secretary, against use in those pathological conditions or by children where its use may be dangerous to health, or against unsafe dosage or methods or duration of administration or application." Provision is made for exempting devices, as well as drugs.

(h).—The recognition of exemptions under paragraph (1) has been eliminated from the requirement for labeling and packaging official drugs.

(i).—Reference to sections 701 and 703 is omitted.

(k).—The definition of the term, "antiseptic," is contained in section 403 (a); it has not been changed

(l).—The exemption of drugs in transit to packaging plants is contained in section 403 (b); "processed" has been changed to "to be processed"; and the condition definitely requires that the articles "are not adulterated or misbranded" when removed from the processing, labeling, or repacking establishment.

Section 403.—This is now section 404, and the reference to sections 701 and 703 is omitted.

Chapter V

Adulteration of Cosmetics

Section 501 (a).—This paragraph has been reworded to read:—"If it bears or contains any poisonous or deleterious substance which renders or will render [formerly 'may render'] it injurious to users [formerly 'health'] under the conditions of use prescribed in the labeling or advertisement thereof, or under such conditions of use as are customary or usual."

(d).—This provision has likewise been made definite, instead of potential, and the paragraph reads:—"If its container is composed, in whole or in part, of any poisonous or deleterious substance which renders or will render it injurious to health."

(e).—In the reference to regulations, "section 503" has been changed to "section 504" because of different numbering, and reference to sections 701 and 703 is omitted.

Section 502 (a).—The provision, "or if it is injurious to health under the conditions of use prescribed in the labeling or advertising thereof," has been eliminated from this definition of misbranding, having been transferred to the first definition of adulteration of a cosmetic.

(b).—The phrase, "it fails to bear," in the first line has been changed to "unless it bears."

(d).—This paragraph is designated as section 503. The secretary is "directed," instead of "authorized," to promulgate regulations exempting cosmetics in transit to packaging plants. It is specifically required that such articles "are not adulterated or misbranded" when removed from the processing, labeling, or repacking establishment.

Section 503.—This section is now numbered 504, and the reference to sections 701 and 703 is omitted.

(Continued on page 63)

HEADQUARTERS
for
ALL GRADES
TRAGACANTH
• ARABIC • KARAYA • TAHLA • GHATTI •
COMPLETE STOCKS • CRUDE AND MILLED
LABORATORY-CONTROLLED QUALITY
MOST FAVORABLE PRICES.
WIRE OR WRITE FOR SPECIAL QUOTATIONS
S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Dinner Given to R. D. Keim on Eve of His Departure for Europe

Botanical Drugs, Gums

ıty on Lavender, Rose, and Violet Flowers Reduced to 37½ Percent Ad Valorem—Recleaning Sabadilla Seed to Be Banned — General Demand Moderate

Downward price revisions in the ırket for botanical drugs were pre-ıminant during the past week. Al-ough a fair sized volume of busi-ss was done, the transactions took ace amid a competition that was ore prominent than it had been in e recent past, and the result was that lues were mainly favorable for buy-s with firm orders to place.

Demand showed seasonal activity in rtain items and such materials were irly steady in price. However, in ost instances, orders for botanical ugs in general involved moderate-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, star, 1½c. per lb.
Liverwort leaves, 1c. per lb.
Orange peel, sweet, ½c. per lb.
Pepper, white, Borneo, ¼c. per lb.
Java Muntok, ¼c. per lb.
Singapore Muntok, ¼c. per lb.
Sabadilla seed, powdered, 1c. per lb.
Sarsaparilla root, Mexican, 1c. per lb.
Squaw vine, 1c. per lb.

Reduced

Arnica flowers, 1c. per lb.
Borage flowers, 1c. per lb.
Canary seed, Morocco, ¼c. per lb.
Cantharides, Chinese, whole, 10c. per lb.
powdered, 5c. per lb.
Catnep leaves, 1c. per lb.
Celery seed, French, ¼c. per lb.
India, ¼c. per lb.
Cumin seed, Algerian, ⅝c. per lb.
Fennel seed, French, 1c. per lb.
Linden flowers, without leaves, 1c. per lb.
Marjoram, French, ½c. per lb.
Mustard seed, Calif., brown, ⅝c. per lb.
Orange flower petals, 5c. per lb.
Olibanum gum, tears, 1c. per lb.
Papain, powdered, 5c. per lb.
Pepper, red, chillies, Mombassa, ½c. per lb.
Pimento, ¼c. per lb.
Poppy seed, Dutch, 1/10c. per lb.
Rose flowers, pale, 1c. per lb.
Saffron flowers, Spanish, 25c. per lb.
Soapbark, cut, 1c. per lb.
Thyme, French, ⅝c. per lb.
Wahoo, root bark, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
107.0	107.2	108.0	75.1

Market news that may have developed after this report was sent to press will be found on page 2.

ized quantities of merchandise and in umerous instances the movement was own to a jobbing basis. Volume was aintained by the fact that the number f jobbing requests was fairly large.

The new tariff pact between the nited States and France became in-uential in the botanical market last eek insofar as items used for per-ume purposes were concerned. Under he new pact, the present duty of 75 ercent ad valorem on lavender, pale nd red rose, and violet flowers is re-uced to 37½ percent ad valorem, be-ng a reduction of 50 percent in the ariff rate and it is effective June 15. It as natural that the spot prices on hese materials should show an easier endency. Of interest, also, was the eport that the Department of Agricul-ure is about to ban recleaning of saba-illa seed importations. Most of the mportations have had to be recleaned n the past and the department is ap-arently about to bring the item within he departmental policy of banning re-leaning operations in this country.

Star anise seed was a strong item nd prices were advanced substantially. Sweet orange peel was higher at the ource and on spot. Powdered saba-illa seed moved up slightly as a re-lection of the situation outlined abroad. Squaw vine was in light supply and he market advanced, as also it did on iverwort leaves and for the same rea-on.

Chinese cantharides were down harply. Arnica and borage flowers eclined under competition. Orange lower petals were more competitive nd a sharply lower price level devel-ped early in the period. Spanish saf-ron weakened and declined. Wahoo oot bark was down.

Entries of botanicals at the port of New York since the week of January 1, 936, and detentions of these seeds by he Department of Agriculture because f the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags Detained.	Bags Entered.
Anise	1,267	1,213
Caraway	4,033	10,436
Cardamom (cases)	140	1,531
Celery	85	2,008
Coriander	1,438	3,110
Cumin	160	2,965
Dill	35	65
Fennel	180	541
Mustard	...	9,071
Poppy	...	10,982
Sage leaves (bales)	52	.....
Sesame	121	170,710
Thyme herb (bales)	52	30
Totals	7,583	216,377

Balsams

Peru.—Demand was moderate to fair at all times and quotations showed a substantial stability at all times during the past week. Stocks were moderate in most quarters.

Tolu.—Although demand was routine for the most part, sellers held quotations to a firm basis that was in line with the replacement position of the material at the present time.

Barks

Canella Alba.—A routine amount of demand came in for this bark during the past week and the business done was sufficient to keep quotations to a steady basis at 37c. to 38c. per pound. The replacement market was said to be slightly easier.

Orange Peel.—Sweet peel was higher at 9c. to 9½c. per pound last week and bitter peel tended upward under the influence of firmer undertones generally. The replacement markets have gained in strength of late.

Soap.—Quotations on cut and sifted bark were lower at 9c. to 10c. per pound. The market has become easier in keeping with the increase in available supplies of practically all forms of this material. Demand was along seasonal lines and reached a fair-sized volume.

Wahoo.—Root bark was reduced to 46c. to 47c. per pound last week, being a movement that was in line with the outlook for securing new crop bark at more favorable prices when the new crop shall be marketed. Tree bark lacked change. Demand was routine.

Beans

Tonka.—The market continued to be very steady. Although demand was of the sort usually current in the market from week to week, the total volume of small sales was sufficient to keep prices generally steady in all quarters.

Vanilla.—Dealers reported some fair-sized sales into consumption during the past week and, hence, the market locally was possibly a shade firmer than it had been of late. The foreign markets were on the firm side. French merchants held but limited quantities of good quality beans and their price views on the same were generally maintained at firm positions. Given normal consumption in this country, prices for all kinds of vanilla beans seemed destined to remain at least firm, and the development of higher levels was not believed to be unlikely in the long run.

Berries

Cubeb.—Inquiry for powdered material was very good on the whole and in keeping with the well maintained cost of whole material, the powder was firmly held throughout the entire period. Replacement prices on whole were still very firm.

Prickly Ash.—Demand for spot goods involved jobbing quantities for the most part during the past week, but sufficient business was done to show that the prices in local circles were fairly steady at 15c. to 16c. per pound.

Flowers

Arnica.—The market was a shade lower once more last week; quotations came out on the basis of 24c. to 25c. per pound under the influence of quite active competition for the limited amount of business reaching the spot during the period under review.

Borage.—Inactivity in the local market was pronounced and the undertone on spot became considerably easier in most quarters. Quotations were down slightly to the basis of 20c. to 21c. per pound.

Linden.—Flowers without leaves declined to 18c. to 19c. per pound under the influence of a competition that had been working toward a downward readjustment in spot quotations on the material. Flowers with leaves remained unchanged at 16c. to 17c.

Lavender.—Under the new tariff pact that becomes effective June 15 between the United States and France, the duty

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS
Acacia Gum, Agar Agar, Aloes, Aniseed, Benzoin Gum, Blood Root, Buchu Leaves, Cardamon Seed, Cinchona Bark, Cinnamon Bark, Cochineal

Ergot, Ginger Root, Henna Leaves, Insect Powder, Licorice Root, Mustard Seed, Orris Root, Papain, Psyllium Seed, Tragacanth Gum, Yerba Santa
CRUDE DRUGS
J. L. HOPKINS & CO.
229 BROADWAY, NEW YORK

BOTANICAL DRUGS
PYRETHRUM PRODUCTS | WATER SOLUBLE GUMS
GRANULATED FLOWERS | ARABIC
POWDERED FLOWERS | KARAYA
EXTRACTS | TRAGACANTH
Importers and Millers for Seventy Years
MURRAY & NICKELL MFG. CO.
2612 Arthington Street - - - Chicago, Ill.

VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

THE FIRST STANDARD BRAND PYRETHRUM CONCENTRATE—
PYROCIDE 20
● In the opinion of many buyers, Pyrocide 20 is more likely to produce the full killing strength that you require in your insecticides, and to do it more economically, than any other concentrate. Pyrocide 20 retains its strength indefinitely.
Guaranteed to contain 2.0 grams of pyrethrins per 100 cc., equivalent to 2.4 per cent pyrethrins. Shipped in 5, 10, 15, 30 and 53 gallon drums. Warehouse stocks in New York, Los Angeles, and Minneapolis . . . Write for Free Booklet.
McLAUGHLIN GORMLEY KING COMPANY
HOME OFFICE: MINNEAPOLIS, MINN. • NEW YORK OFFICE: 405 LEXINGTON AVENUE

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.

on this item has been reduced to 37½ percent ad valorem. The spot market was easier last week and the tendency in quotations was still downward.

Orange.—Quotations were lowered to the basis of 35c. to 36c. per pound and the market rested easy at the end of the week. Competition was keen, but opportunities for substantial sales were not numerous.

Rose.—Under the new tariff pact between France and this country, the duty on importations of red and pale rose flowers has been reduced to 37½ percent ad valorem; it had been 75 percent. The reduction becomes effective June 15. Pale flowers on spot were reduced to 15c. to 16c. per pound last week and red flowers were easier, but lacking in further decline since the reduction made in the previous trading period.

Saffron.—Spanish saffron was reduced to $11.25 to $11.50 per pound under the influence of a more competitive situation in local circles. Mexican saffron continued to be firmly maintained because of the comparative scarcity of stocks.

Violet.—Effective June 15, the import duty on this item becomes 37½ percent ad valorem as the result of the new tariff pact between the United States and France. Ultimately, lower spot quotations on the item were expected to develop.

Gums

Arabic.—Reports to the effect that difficulty in a strictly U.S.P. quality of this material have been heard, but an investigation locally led to sellers making the statement that there was plenty of U.S.P. goods available on spot and that the article would be sold under a guarantee to meet the specifications of the U.S.P. Nothing new developed on spot last week. Demand was moderate and kept market undertones fairly easy and made for a continuation of the competition noted for some time past.

Camphor.—A fair-sized consuming demand was reported but for the most part the call was somewhat narrower than it had been and the leading distributors appeared to hold sufficient stocks to meet their immediate sales requirements. Quotations remained very steady.

Myrrh.—Competition continued to keep the market lower than was justified, according to some dealers, by what it would cost to replace the current small stock of the material. Quotations ranged 35c. to 40c. per pound according to seller and seemed destined so to remain until consumption has reduced supplies still further.

Olibanum.—Tears were down slightly to 12c. to 28c. per pound, ranging in prices according to quality and seller. Siftings lacked change. Demand was moderate to fair and seemed to be mainly on a hand-to-mouth basis.

Tragacanth.—Importers were watching the effect of the control of prices and sales by the government of Iran. To date, it has worked to raise import costs substantially and when new crop is sold, still higher prices seemed to be expected. Also, it was thought possible that the higher cost of Alleppo tragacanth might result in a return in volume of Turkish tragacanth to this market.

Herbs and Leaves

Buchu.—Prices remained firm on the basis of the recent advance and all information reaching here from abroad emphasized the strength of values and the moderate stocks of the article in the primary market. Reports from South Africa were to the effect that successful production of gold has permitted the Colonial government to subsidize the farming industry and, as a result, a substantial acreage of buchu has been plowed to make way for more remunerative crops.

Catnep.—Prices were lowered to the basis of 18c. to 19c. per pound and the market was more competitive in anticipation of substantial collection of new crop goods coming on the replacement market at lower prices to the local dealers.

Liverwort.—Sales were made at 19c. to 20c. per pound and further business at the inside figure was under negotiation late last week. Not too much of the article was held by local dealers and a stronger market had been developing for some time past.

Marjoram. — French goods were shaded to 21½c. to 22c. per pound last week and the market lacked many buyers of the material at any price. Tunisan goods held without change but they were also rather easy in most quarters.

Squaw Vine.—The stronger market reported of late continued to gather strength and quotations were higher at 14c. to 15c. per pound on the basis of actual sales of fairly substantial quantities of the material. The hold-over stock this year will be comparatively light.

Thyme.—Under competition, quotations were lower at 11c. to 12c. per pound, and the market on French material was comparatively easy in all quarters. Interest of buyers was not very active.

Miscellaneous

Cantharides.—Russian material was lower at $1.50 to $1.55 per pound for whole and $1.80 to $1.85 for powdered material. Chinese flies lacked quotable change but were fairly easy. The supply of Russian material was larger in some quarters and hence the development of a more competitive market generally. Buying was conservative in size.

Ergot.—As early as this there comes to this country reports of an unfavorable progress of the new crop ergot in Spain and Portugal. The tendency among dealers here was to stand aloof from forming judgments at this time, this for the reason that most of them believe it to be too early to form a mature opinion on the size of the new crop.

Lycopodium.—The undertone of the market had a firm tone that was in keeping with the not excessive stock available on the spot. Unless there shall be a substantial increase in the exports from Russia when new crop is available, the local market seemed destined to remain high, if not actually to reach even higher levels than those now prevailing.

Manna.—An unsettled and generally easy market ruled on both the large and small flake material. Competition from the chemical equivalent of this item was said to be have reduced consumption of the natural product. The price tendency on natural manner was downward last week.

Papain.—Quotations on powdered material were as low as $1.25 per pound last week and the range was to $1.30, according to seller and quantity. Hence, the decline has now totaled $1.75 from the peak prices prevailing some weeks back. Competition has been exceptionally active and it still was prominent last week.

Roots

Arrow.—Trading was routine, but volume was very good and compared satisfactorily with that done in recent periods. Prices were entirely steady at all times on spot and that condition lined up with the well held values in the primary market.

Golden Seal.—No reason to expect substantially lower prices when new crop shall be marketed existed last week. Some recession was looked for, but such a devlopment would be caused mainly by competition and would have little or no relation to the crop produced. The stocks were bound to remain very small, as it takes several years to grow the article to a point where it becomes marketable.

Jalap.—A very firm market prevailed on the spot. No appreciable increase in primary market offerings has taken place, and the unsold surplus stocks on spot were comparativey small. Prices were well maintained under the influence of a very good request.

Sarsaparilla.—Mexican root was up slightly to the basis of 11c. to 12c. per pound. Substantial business was done at the 11c. level and more was in prospect at a late hour in the period. Stocks were considerably smaller by the close of the trading period.

Valerian.—Considerable interest was noted regarding the crop prospect in Belgium and some communications from the primary market suggested a not too satisfactory outlook at the present time. The local market was quiet and about steady with prices being still on the low side.

Seeds

Canary.—Because of a slackening in demand and the development of a more competitive position on the spot, Morocco canary seed sold at the lower level of 7c. to 7½c. per pound during the past week. Turkish and Argentine seed remained quotably unchanged.

Cardamom.—The advance was not extended, but the price position of both decorticated and green cardamom was one of strength and upward tendency. Decorticated was priced at 97c. to $1 per pound, and the green was noted at 72c. to 75c. The prices at the source were no less strong and high than they were in the previous week. Bleached cardamom was pathetically stronger.

Celery.—Quotations were off a small fraction, French ending the week on the basis of 18c. to 18½c. per pound and India being noted at 12¾c. to 13¼c. per pound. The demand for spot goods was irregular and the limited volume of trading served to make the price structure easier and lower.

Cumin.—Algerian seed was substantially lower at 11c. to 11½c. per pound last week as the result of competition locally. Indian and Morocco seed remained free from change.

Fennel.—Virtual exhaustion of stocks of French seed was conceded. However, some India seed was offered at 7½c. per pound for May arrived here. The market was not very active from a sales point of view. German seed remained very steady in all quarters.

Mustard. — California brown was priced at 6⅝c. to 6¾c. per pound, this being the sole change in quotations on seed within the mustard group. Demand was narrow. Interest was mainly in the progress of the growing crops and for the most part the advices were favorable along the line of a probably satisfactory production of the article.

Poppy.—A very small fraction was clipped off the previous week's quotation on Dutch seed. The market during the past week was 5.90c. to 6.25c. per pound with demand being strictly on routine account. Very little Hungarian seed was available and the crop prospect in that country was not entirely favorable at this time for a normal production. Polish was in fair supply at 5¾c. to 6¼c. per pound.

Sabadilla.—Powder was higher at 20c. to 21c. per pound. A change in the position of this article was forecast when it was learned that the Department of Agriculturc may place a ban on recleaning importations of the whole seed. Most of the material reaching here has had to be recleaned and recleaning of merchandise is not favored by the department.

Spices

Clove.—The market became steadier and prices assumed a firmer position on the spot during the past week. Demand was moderate. Replacement costs tended to strengthen the local position of both varieties of this material.

Ginger. — Although quotations on African root were not advanced further, they were firm and well maintained in the absence of much local competition and in the presence of well sustained replacement costs in the primary market. Lemon Cochin remained nominal in the absence of normal reserves. Jamaica root was firmer and had an additional tendency toward further rise in quotations.

Nutmegs.—Replacement cables were generally steady in all markets and hence the local position of all varieties of the material was mainly firm. Demand was for moderate sized quantities of spot goods but somewhat larger amount of shipment goods were also in request.

Peppers.—Prices on white peppers were advanced further to the following positions:—Jave Muntok, 11c. to 11½c.; Singapore Muntok, 10¾c. to 11¼c.; Borneo, 10½c. to 11c. Saigon white was unchanged at 10c. to 10½c., but in view of the small stocks, the position was virtually nominal. Red Mombassa chillies were up a fraction to 14c. to 14½c. Black peppers were about steady as to price but interest disclosed by local buyers was not very great.

Pimento.—Inactivity in local circles served to ease the spot market once again and quotations were down to the basis of 13¼c. to 13¾c. per pound. Replacement prices were fairly firm.

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
PAUL A. DUNKEL
& COMPANY INC.
82 WALL ST. NEW YORK N.Y.
HAnover 2-4436

Toilet Goods Ass'n Fights Nuisance Taxes

(Continued from page 27)

and local groups to combat State and local legislation discriminatory to the industry so that the association might better devote its time to Federal matters.

Robinson-Patman Bill

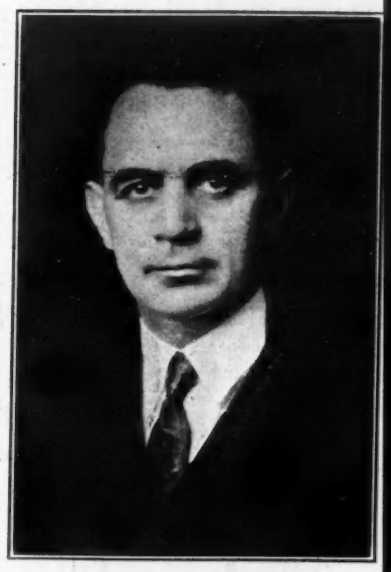
At the afternoon session of the first day, various speakers expressed their opinions on the pending Robinson-Patman price discrimination bill and price stabilization. James J. Clark, assistant to the president of the Liggett Drug Company, stated that the Robinson-Patman bill, while labeled "anti-chain store," really applies to all business, and that its restrictions on quantity discounts and merchandizing services would tend to favor a selected group in overcoming the competition of institutions displaying ingenuity and enterprise. Mr. Clark said that it was his impression that no act would be upheld which prohibits quantity discounts, merchandizing services, or advertising helps, and that "courts will construe present anti-trust laws and any amendments to them from depriving you and your customers from your constitutional rights."

That eradication of irregularities in distribution and price situations would tend to a condition in which the consumers would receive their products on a more equitable and fair basis, was the opinion of Dr. E. L. Newcomb, executive vice-president of the National Wholesale Druggists Association. He stated that the manufacturer and Government must co-operate in removing unfair practices, and to this end urged strengthening of the Federal Trade Commission, the passage of fair trade acts by State and Federal legislative bodies, and the revision of the anti-trust laws.

With reference to the Robinson-Patman bill, he held that quantity discounts, while justified, if they represent the economic savings of efficiency have gone beyond justification in many cases and a "referee," such as the bill sets up, is necessary to decide which are justifiable.

Price-Stabilization Argued

Price-stabilization was treated pro and con by Dr. Robert L. Swain, chairman of the legislative committee of the National Association of Retail Druggists, and Miss Frances Kneitel, counsel for the National Independent Pharmacists, Inc. Dr. Swain, presenting the retailer's viewpoint, declared that fair trade was a problem to the manufacturer and retailer alike, and that they must work together for its solution. He predicted a gradual change in the governmental order in the future in which trade problems would play an important part. Miss Kneitel, speaking against price maintenance, urged the separation of open retail market price competition from unfair trade practice. She held that a combination of quality, service, and price should be emphasized by the energetic retailer in overcoming predatory price competition.



Charles S. Welch

Congresswoman Virginia Jenckes, of Indiana, speaking briefly before the meeting, proclaimed that she would oppose any increase in Federal taxation on cosmetics, and, if possible, decrease or repeal existing taxation during the next session of Congress.

A report of the legislation affecting the toilet goods industry was made by Hugo Mock, Thursday forenoon. The revision of the Copeland bill now before the Senate was not objectionable to the industry, and should be passed as soon as possible to forestall the passage of varied local regulatory measures, he held. Mark Eisner, also a counsel for the Toilet Goods Association, followed Mr. Mock with a report of Federal and State excise taxes. Mr. Eisner decried the complexity of the United States tax system and declared that one 30 percent tax collected by the Federal government and subsequently redistributed to the States would prove more efficient. He proposed the resolution adopted by the convention to include a plank on the revision of the nuisance taxes in the platforms of the major political parties.

The principles and application of principles for combating unfavorable and ill-informed attacks directed against cosmetics were discussed by Edward L. Bernays, public relations counsel, at the Thursday afternoon session. He was followed by Edgar Kobak, chairman of the Advertising Federation of America, who addressed the gathering on the effect of the Copeland bill on advertising, particularly in relation to the toilet goods industry. He asked that self-legislation be applied to overcome the small amount of bad advertising remaining in the industry.

The entertainment arranged for the convention consisted of an afternoon of golf at the Winged Foot Golf Club, attendance at a theatre, and a banquet held Thursday evening in the ballroom of the Hotel Biltmore. Charles E. Kelly, of Hagerty Brothers & Co., was chairman of the entertainment committee.

Essential Oils, Aromatic Chemicals

Cajeput Decline Overdone and Prices React Somewhat — Spanish Orange Advanced—More Trading in Citrous Oils—Artificial Sassafras Lower Under Competition — Camphor Easy

Business in the market for essential oils and aromatic chemicals was somewhat quiet last week. During the major part of the period, dealers were active in contacting members of the Toilet Goods Association, which organization held its annual meeting in this city. What with the regular business sessions on one hand, and the social gatherings on the other, the local suppliers of raw materials were less occupied with the sale of merchandise. However, the markets lacked important developments. Prices remained firm to steady so far as practically all items were concerned, the exception to this general rule being the weakness and declining trend in quotations on artificial sassafras.

The decline in quotations on cajeput over-ran itself in the previous trading period and a moderate upward turn of quotations was noted. However, the lower duty on the material was still the influential factor in keeping values favorable for buyers and quotations prevailing last week were still lower than had ruled recently.

Camphor oil was weak and unsettled; it required firm orders in hand to learn actual sales figures. Artificial sassafras was also unsettled and subject to severe competition. Also, the situation in safrol was but slightly better than that in camphor and artificial sassafras oils. Demand was routine in all respects.

Citrous oils came in for a better call. More seasonable weather encouraged the development of a seasonal interest in orange and lemon oils. Spanish orange was firmer at an advance and sellers of the article were generally reserved. Foreign prices on these two oils were mainly firm and the quotations on the domestic articles were well maintained. Continued betterment in sales volume was expected.

Peppermint dealers in the middlewest were paying farmers slightly higher prices for unsold stocks of good quality oil but in the main the market was merely firm while lacking in much demand from buyers. Cardamom oil tended to advance because of the recent sharp advance in the cost of raw material. Demand was lacking. Wormseed was subjected to more inquiry and prices turned out to be very firm locally.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cajeput, technical, 5c. per lb.
U.S.P. IX, 2c. per lb.
Orange, Spanish, 25c. per lb.

Reduced

Sassafras, artificial, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.0	68.0	67.7	72.1

Market news that may have developed after this report was sent to press will be found on page 2.

Essential Oils

Anise.—Not much was doing last week, but the market remained firm in price on spot and it was also undersupplied with prompt delivery material. The primary market was still not offering shipment parcels and until a normal commerce be returned to the market, the present situation was expected to continue.

Apricot Kernel.—Demand was along the line of hand-to-mouth requirements and the total volume of transactions was comparatively small. Prices remained steady on the spot. Outlook for new crop goods did not favor a superabundance of material when the crop is in.

Bergamot. — The market remained strong in undertone but it was also lacking in more than occasional activity on the part of buyers. The foreign situation seemed to be under excellent control and to the present time at least the Consortium has succeeded in operating fairly well.

Birch Tar.—Prices held unchanged, but the market was said to be quite competitive and, if anything, values had a tendency to move in favor of the manufacturing consumers. Demand was mainly for small lots of the article but the number of such inquiries was fairly good on the spot during the period under review.

Cajeput.—The market reacted upward but the situation was still fairly easy and generally more competitive than it had been in the not far distant past. The lower duty has resulted in a fairly substantial decline in quotations on the spot.

Camphor.—Keen competition and general unsettlement of prices continued to prevail on the spot and without a firm order in hand it was somewhat difficult to quote the minimum at which some quarters were willing to book business. Selling pressure was quite pronounced and buyers were, for the most part, not especially interested in offerings.

Cananga.—Jobbing business was quite good and the market as a whole retained a steady undertone at unchanged prices. Stocks in the hands of manufacturing consumers were said to be fairly good in size and at least no early shortage in material was looked for.

Caraway.—The foreign market held very steady in price and offerings were not especially large during the period under review. However, there seemed to be an ample reserve to cover consuming needs between now and the distillation of the new crop. Local trading was routine at steady prices.

Cardamom. — Raw material has turned sharply stronger at severely higher replacement costs. The position of oil was potentially stronger and the tendency was to advance values once demand rises above the very small volume current for some time past.

Cassia.—A fair amount of business was done and the transactions revealed the fact that the spot quotations on the article were generally on the steady side in the absence of much of the competition that recently caused a substantial depression in quotations. The replacement market remained steady.

Cedarleaf.—No relief from short spot stocks was noted, nor were there signs of an immediate increase in the local holdings. Little has come from the producers and hence the market has remained strong regardless of the fact that demand has not amounted to much of late.

Cedarwood.—Seasonal consumption of the material has been very good and on the whole the movement showed some gain over that a year ago at this season of the year. Prices continued to be especially attractive to the manufacturing consumer.

Citronella.—Although the market continued to be fairly easy and generally under the influence of a lively competition, prices quoted during the past week lacked quotable change from those noted during the previous trading period. Demand was generally quiet during the period under review.

Clove.—The well maintained cost of clove spice has contributed much to the maintenance of quotations at the level reached during the recent advances. Demand during the past week was fairly good for the most part and the movement acted to the support of current prices.

Dill.—Demand from the picklers was reported to be fairly active and the day-to-day movement compared well with the normal amount of business done in the material. Prices seemed to be somewhat more steady than they had been.

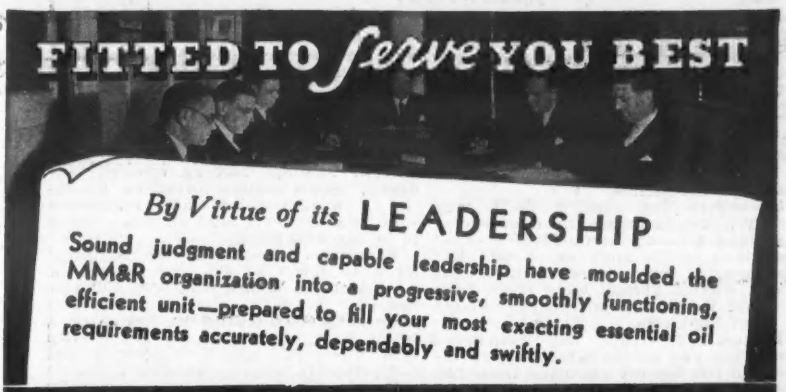
Erigeron.—Unsold stocks were not very large and the market would probably have been substantially higher had there been anything like a good sized call for the material. Demand was slight to nil, according to seller, and values remained free from change.

Eucalyptus.—The usual slackening in the more active demand that develops for this article during the Winter months was in evidence but the decrease in trading failed to make prices any easier. Values were steady to firm in practically all directions.

Geranium.—Replacement costs were distinctly firm and the recent advance in the quotations on Bourbon oil for shipment was maintained fully. Demand on the spot was routine for the most part but undertones were firm and quotations were free from any signs of even potential shading when good quality oil was in request.

Grapefruit. — Notwithstanding the fact that new production has come on the market, prices continued to be very steady and a firm undertone prevailed irrespective of the not especially large

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4


FITTED TO Serve YOU BEST
By Virtue of its LEADERSHIP
Sound judgment and capable leadership have moulded the MM&R organization into a progressive, smoothly functioning, efficient unit—prepared to fill your most exacting essential oil requirements accurately, dependably and swiftly.
MAGNUS, MABEE & REYNARD, INC.
QUALITY ESSENTIAL OILS, BALSAMS, AROMATIC CHEMICALS, CONCENTRATED FLAVORS . . . Since 1895
32 CLIFF ST. N.Y.C.
OFFICES IN PRINCIPAL CITIES

OIL OF CLOVES
OIL OF NUTMEGS

Two of the most important items in our Factory. We can guarantee to furnish you with the highest quality obtainable.

GEORGE LUEDERS & CO.
427-429 WASHINGTON ST., NEW YORK
Branches: Chicago, San Francisco, Montreal *Factory:* Brooklyn

D. W. HUTCHINSON & CO., Inc.
ESSENTIAL OILS
Oils, Cedar Leaf and Wood
162-164 FRONT STREET ESTABLISHED 1896 NEW YORK

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

ESSENTIAL OILS
AROMATIC CHEMICALS
BASIC PERFUMES
FLAVORING MATERIALS
SCHIMMEL & CO., Inc.
601 WEST 26TH STREET NEW YORK, N. Y.

EFF-BEE FIVEFOLD
ORANGE
Concentrate

IT'S NEW . . . a *perfectly balanced* Orange Concentrate at *lower cost*! Selective elimination of certain terpenes has enabled us to produce a concentrate that is highly stable and almost identical in flavor to the fine, zestful character of fresh fruit. EFF-BEE FIVEFOLD ORANGE CONCENTRATE offers greater strength and improved solubility. Send for samples.

FRITZSCHE Brothers, inc.
316 WEST 8TH STREET LOS ANGELES, CAL.
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd. 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N.Y.
118 WEST OHIO ST. CHICAGO, ILL.

demand for this item. Foreign markets have reported a very good consumption of late.

Ginger.—Raw material remained strong and free from unsettlement as to price or demand. Oil was firm at all times and attempts to buy on bids lacked success in practical instances. A fair amount of interest was displayed in the article.

Lavender.—The market held very steady and was under the influence of sustained demand for moderately-sized quantities on the spot last week. Replacement offerings were not large and prices wanted abroad were fairly high and not subject to successful bidding in most instances.

Lemon.—The call has broadened somewhat and on the whole the movement to the bottled beverage trade has assumed a size more in keeping with the normal experiences of sellers. Prices abroad were very firm and they were fully maintained so far as spot stocks of good quality oil were concerned.

Lemongrass.—The shipment quotations were low and easy. Demand has not broadened very much since the resumption of the downward movement in replacement costs. On the contrary, buyers have shown a disposition to hold aloof in expectation of further recessions in prices. The call was cribbed, cabined and confined last week at unchanged prices.

Orange. Quotations on Spanish orange oil were raised to $2.50 to $2.55 per pound. This substantial rise in values reflected readjustment upward of views held in the primary market. Of course, in view of the plentiful supplies of other varieties of orange oil, the fact that sellers of the Spanish article were reserved did not affect the market to any appreciable extent. Demand was somewhat improved because of the seasonal requirements of manufacturing consumers.

Peppermint.—The market prices on spot were firmly maintained. Also, it was noted that some of the middlewestern dealers have advanced the prices at which they were willing to buy from farmers with old crop oil on hand. The market was counted generally firm in all directions, notwithstanding the fact that demand was not very active last week.

Pimento.—Stocks of berry oil were not very large and the cost to replace current holdings had an upward tendency. Some sellers advanced quotations to a minimum of $2.50 and offered very little thereat. Leaf oil also seemed to be strengthening.

Sassafras.—Quotations on artificial oil were lower at 38c. per pound for the article in drums and 41c. for the material in cans. Even these prices were subject to correction and shading when buyers came to the spot with firm orders in hand. Competition was exceptionally keen in all directions.

Savin.—The market was generally easy under the influence of continued competition for the small amount of orders current in the market weekly for some time past. However, quotations lacked further open change, though the tendency was still downward.

Sweet Birch.—Stocks remained moderate in size on spot and the country suppliers failed to offer very large quantities for immediate shipment. Hence, prices held very firm regardless of the not very active consuming demand for the material.

Wormseed. — Basically, the market was firm in tone and price. However, not much demand has prevailed for the article during the past several weeks and hence values have been little more than maintained. Last week, somewhat more inquiry was noted and it was felt that sales might undergo an increase in the not far distant future.

Aromatic Chemicals

Acetophenone.—The market has become somewhat steadier since the recent unsettlement in values and with demand giving values substantial support, the situation was believed to have been considerably improved.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

Alpha Amylcinnamic Aldehyde.—This jasmine aldehyde was in fair favor throughout the past week and quotations at $2.15 per pound were well maintained at all times.

Benzophenone.—Sales were fairly active, but the call came mainly for small lots of the article. Quotations ruled steady to firm at $1.40 per pound as the minimum figure for an excellent quality of merchandise.

Benzyl Propionate.—Some consumers preferred this item to benzyl acetate and sellers oftentimes declared the propionate to be superior to the otner material. Quotations ruled steadily at $2 per pound and demand was very good.

Betanaphtholmethyl Ether. — Transactions were neither numerous nor productive of important volume. However, in view of the lack of weakness or easiness in replacement costs, quotations remained steady throughout the past week and undertones seemed to be firm.

Dimethylphthalate.—Demand for this article as an excellent solvent for artificial musk was very good. Its use of a fixative was also not neglected. Prices remained very steady at 45c. per pound as the figure prevailing on most transactions last week.

Geraniol. — Plentiful stocks were reported and prices were easy in all quarters. Competition for business was keen and conditions generally were more favorable for buyers than they were for sellers.

Linalyl Acetate. — More demand than had been current on the spot was reported last week and the undertone of the market gained in firmness and solidity. Replacement costs were on the firm side.

Musk. — The market was routine and lacked change in price, but beneath the surface there appeared to be an unsettled situation that some felt might eventually bring about further recessions in prices. Offerings were ample to large in all directions.

Phenylethylphenylacetate. — Small quantities changed hands at $15.50 per pound and the trade was just about sufficient to secure a confirmation of the market as quoted. Stocks were moderate in size, yet they also seemed to be sufficient to meet all needs of buyers.

Schimmel & Co. Issues 1935 Scientific Report

The 1935 edition of the annual report on essential oils and aromatic chemicals, issued by Schimmel & Co., Miltitz bei, Leipsic, Germany, is ready for distribution in this country through the co-operation of Schimmel & Co., this city, American representative for the parent house in Germany. The highly regarded report is obtainable from leading booksellers in the United States.

The latest edition covers data obtained in the calendar year of 1934 and contains one hundred, thirty-three pages of factual matter collected by the investigators and scientists of the Schimmel Company in Germany. The report was done into English by Dr. F. Rochussen and G. Walker, B.Sc., for distribution here.

Of special interest is a contribution of Harry Schmidt and Leo Schultz on spatial isomerism in the fenchol series. The data presented was worked out in the scientific laboratory of the German house. Accompanying a closely reasoned and scientific study of this subject are three tables that epitomize clearly the results of these two scientists' study of the subject. It is significant that the question as to the spatial arrangement of the hydroxyl group in A and B-fenchol is still as undecided as it is with borneol and isoborneol. Reference is made to the fact that Bredt, and more recently Lipp, ascribe to borneol the "exo," and to B-fenchol the "endo" structure.

The 1933 revision of the Yugoslavian pharmacopoeia became effective January 1, 1935, and the Schimmel report treats in detail the revised requirements on essential oils and synthetic aromatic chemicals. Many quantitative processes for estimating the percentage of important constituents of alcohols, aldehydes, ketones, phenols, esters, and the like have been added.

The section containing notes comprising statistical, bibliographical, analytical, physical, phytiphysiological, physiological, pharmacological, and chemical information is particularly interesting as to subject matter presented and the detail in which such matter is treated.

Not the least interesting part of the report are the excellent illustrations covering production of spike oil as distilled in Grenada, Spain. There is also a photograph of the late Hermann Breitenstein, manager of the London branch of the company for many years, and it is accompanied by an acknowledgment of the esteem in which the company held him.

Dr. E. H. Carus, president of the Carus Chemical Co., La Salle, Ill., is visiting the New York offices of the company, completing a ten thousand mile automobile business tour covering the Pacific Coast and the West.

MM&R Western Sales Agent

The Bonewitz Chemical Company of Burlington, Ia., has been appointed exclusive sales agent for Magnus, Mabee & Reynard, Inc., essential oil merchant, this city. The appointment gives M. M. & R. excellent sales representation in the Iowa and Nebraska territories.

Although the Bonewitz firm was established by Paul W. Bonewitz but recently, it is already well known in Iowa and Nebraska because of Mr. Bonewitz's former connections in the drug industry. In his new company, he will have associated with him men of wide experience in the trade. The home office is located at 100 North Third street, Burlington, and branch offices have been established in Des Moines and Council Bluffs.

Paul W. Bonewitz

Bids and Awards

Bids Wanted

(Continued from page 28)

ment, Washington, for 135 gallons of lamp black paste in oil; and by June 3, procurement 269, for 50 gallons of Japan drier.

Quartermaster, Marine Corps, Washington

Bids are wanted by June 4, schedule 851, by the Quartermaster, Marine Corps, Washington, for 6 ½-pint cans of rubber cement; 500 gallons of thinner; 100 gallons of wood sealer; 350 gallons of lacquer; 200 gallons of undercoat; 100 gallons of primer; 8 dozen cans of compound for filling screw holes; 48 8-ounce cans of solvent; 96 8-ounce cans of cleaning fluid; 100 gallons of spraying varnish; 50 gallons of spraying varnish, and 12 1-pound cans of rubbing compound.

Quartermaster Supply, San Francisco

Bids are wanted by June 8, circular 322, by the Quartermaster Supply Officer, Fort Mason, San Francisco, for 600 gallons of interior white paint.

U. S. Engineers, Pittsburgh

Bids are wanted by June 5, circular 341, by the U. S. Engineer Office, Federal building, Pittsburgh, Pa., for 200 gallons of blue lead black; 140 gallons of gloss black; 80 gallons of silver gray exterior paint; 150 gallons of ivory paint; 200 gallons of light drab paint; 100 gallons of dark gray paint; 20 gallons of light green interior paint; 80 gallons of white enamel; 80 gallons of black enamel; 40 gallons of buff flat paint; 150 gallons of cement shade floor enamel; 50 gallons of maroon engine enamel; 10 gallons of maroon engine enamel; 40 gallons of black stack paint; 100 gallons of white traffic paint; 60 gallons of floor varnish, and 200 pounds of putty.

Soap and Cleaner

Army Medical Center, Washington

Bids are wanted by June 4, circular 62, by the Quartermaster, Army Medical Center, Washington, for supplies of soap powder.

Army Supply Base, Boston

Bids are wanted by June 4, circular 173, by the Commanding Officer, Boston Quartermaster Depot, Army Base, Boston, Mass., for supplies of ammonia, liquid bluing, borax, metal polish, scouring powder, washing powder, soap flakes, grit soap, laundry soap, shaving soap, toilet soap and tooth powder.

Contracting Officer, Fort McClellan

Bids are wanted by June 2, circular 41, by the Contracting Officer, Quartermaster Corps, Fort McClellan, Ala., for supplies of borax, ammonia, metal polish, shoe polish and washing powder.

Quartermaster Corps, St. Louis

Bids are wanted by June 4, circular 127, by the Contracting Officer, Quartermaster Corps, Second and Arsenal streets, St. Louis, Mo., for supplies of metal polish, laundry starch, shoe polish, cleansing powder, toilet soap, tooth powder for various deliveries.

Quartermaster Depot, Chicago

Bids are wanted by June 3, circular 305, by the Quartermaster Depot, 1819 West Pershing road, Chicago, for supplies of ammonia, antiseptic solution, liquid bluing, metal polish, shoe polish, scouring powder, washing powder, laundry soap, toilet soap, shaving soap, laundry starch, tooth paste and tooth powder for various deliveries.

Trinitrotoluol

Navy Department, Washington

Bids are wanted by June 16, schedule 8048, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 48,000 pounds of trinitrotoluol.

Venetian Red

Navy Department, Washington

Bids are wanted by June 19, schedule 8089, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 20,000 pounds of dry venetian red for eastern or western yards.

25 Years CFC Experience
ESSENTIAL OILS AROMATIC CHEMICALS
PERFUME BASES
THE PERFUMING OF
AN IMPORTANT DIVISION OF OUR BUSINESS
INDUSTRIAL OILS TOBACCO PAPER
INSECTICIDES TEXTILES GLUE
Feel Free to Write Us Your Problems
CHARLES FISCHBECK CO., INC
110 WEST 19TH STREET, NEW YORK.

CARVACROL
CHLOR-THYMOL
EUCALYPTOL
MENTHOL
THYMOL
Write for Complete List
AROMATIC CHEMICALS
Working samples upon request
ORBIS PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.

NORTHWESTERN make — quality
AMYL VALERATE AMYL CAPROATE
ETHYL VALERATE ETHYL CAPROATE
ISO-VALERIC ACID CAPROIC ACID
OENANTHIC ETHER SEBACIC ETHER
ETHYL FORMATE AMYL FORMATE
INCORPORATED 1882
The Northwestern Chemical Company
The Largest Makers of Butyric Ether in the World
WAUWATOSA WISCONSIN

Petroleum Solvents, Lubricants, Fuels

Crude Output Continues Over 3,000,000 Barrels Daily — Gasoline Demand Is Large—Week-End Consumption May Bolster Retail Prices in East — Solvents Steady

Crude oil production continued over the 3,000,000 barrel per day mark but there is a move afoot to curtail the production and with increasing demands for gasoline there is not so much fear for the security of current refined oil prices as there was a week ago. The retail market in the East is very shaky in spots and it was believed that a reduction in posted prices might have taken place in some important selling centers here had it not been for the prospect of heavy consumption during the holiday week-end observance of Memorial Day. Heavy consumption over the week end should neutralize a lot of the weakness that exists in the entire gasoline market.

Petroleum solvents used as industrial raw materials were not influenced visibly by the situation that exists in the gasoline market. The only change in petroleum solvents prices last week was an advance in the tankwagon price of petroleum thinner at Baltimore. Midcontinent and East Coast refinery prices are holding steady at the levels that have been in force for several weeks. Demands have been fairly good and the movement into the hands of manufacturers of surface coatings is better than it was at the beginning of last month. Liquefied petroleum gases continue at the price levels that have been in force for some time.

Paraffin wax prices were not changed appreciably and there is a growing interest in the scale market on the part of refiners who seek to process the scale wax and resell it as fully refined wax. The difference between the price of the two grades allows the processor a liberal manufacturing profit. Petrolatums in carlot quantities are still shadable but the sellers have not revised the schedule prices. Mineral oils are gradually moving into the dullness that is usual in the Summer months.

Daily average production of crude oil in United States for the week ended May 23 was 3,007,150 barrels, a decrease of 900 barrels from the preceding week's record high of 3,008,050 barrels, according to the estimates of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended was 2,975,650 barrels and the average at this time a year ago was 2,605,300 barrels. Runs of crude oil to stills for the week ended May 23 were reported at 2,797,000 barrels for 80.7 percent of refinery operation, and, according to the data gathered by the American Petroleum Institute, 178,000 barrels additional were run for a total of 2,975,000 barrels against 2,920,000 barrels in the preceding week. Stocks of crude oil on hand May 16 were 315,481,000 barrels against 314,899,000 barrels on May 9 according to the Bureau of Mines.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-May 30	1935 Jan. 1-May 30
Commercial crude oil production	431,337,000	383,221,000
	Week ended May 30, 1936	Week ended June 1, 1935
Daily average production	2,994,800	2,605,800
	Week ended May 23, 1936	Week ended May 16, 1936
Estimated motor fuel stock total	72,490,000	72,490,000
Estimated finished motor fuel stocks in refineries	42,447,000	42,922,000

Solvents and Diluents

The tone of the market for petroleum solvents and naphthas was an even one last week and prices at the refinery points were free from open disturbance. Tankcar demands at Midcontinent and local refinery points had a fair rate of frequency as rubber solvents continued to move into Akron and other tire manufacturing centers in heavy volume. The lone change reported in the market last week was in the price of petroleum thinner in tankwagon and drum lots in Baltimore. Both were marked upward.

Cleaners' Naphthas.—Steadiness continued to characterize the price situation at the Midcontinent refinery points. There is a fairly good demand from the regular channels of consumption. Group 3 prices continue at 7⅜c. to 7½c. per gallon for tankcars.

Lacquer Diluents. — The lacquer manufacturing industry continued to present a fair call for replacement supplies. Lacquer makers supplying the automobile industry are active buyers. The prices continue at the levels that have been in force for some time.

Petroleum Thinners. — Marketers in the Baltimore area have revised tankwagon and drum prices upward. The market is now posted at 15c. per gallon with a 2c. discount for deliveries of 25 to 99 gallons and a 3c. discount on deliveries of 100 gallons or more. Otherwise the market at Eastern and mid-Western points remained unchanged. Tankcar demands at the refinery points were moderately active last week.

Stoddard Solvent.—The condition of the market was little changed from a week ago. Tankwagon prices at leading Eastern and Midwestern cities were without change and the bulk markets at the Midcontinent and at the East Coast refineries were being held at the price levels that have been in force during rcent weeks.

V. M. & P. Naphthas. — The paint trade's purchases were good sized and the volume moving out of the refinery points was of sufficient size to hold the market free from the influence of a weakening gasoline market at the Midcontinent. Group 3 prices continued at 7⅜c. to 7½c. per gallon, basis Group 3.

Markets at Other Centers

Chicago, May 28.—Petroleum diluents and solvents show little change in price, with tone of the market holding up comparatively well. Recent easiness in gasolines has not affected this particular market to speak of. Business is coming through in comparatively good volume. Ruling prices in tankcar lots except noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 50-52, 450, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum, spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; v.m. & p. naphtha, 7⅜c., tankcar, 16.5c., tankwagon.

Tulsa, May 28.—Tne demand for petroleum solvents is light at this time and trading is quiet. Prices, however, are holding and show no weakness. The cleaners naphtha, Stoddard and V.M.P. still range from 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

Light gaseous fractions were lacking in new developments during the week under review. Producers of butanes, hexanes and other materials in this classification hold the price levels at the schedule that has been in force for some time. The position of natural gasoline has not openly affected any of the materials included here and the demands for these hydrocarbons are reported as being steady through regular channels.

Butanes.—The condition of the market was similar to that of a week ago. Prices hold at the basis of 2¼c. to 3¾c. per gallon for tankcars, f.o.b. Group 3, according to the number of cars used per month.

Hexanes. — The regular schedule continued in force last week with tankcars quoted at 12c. per gallon for normal grade, f.o.b. Group 3.

Octanes.—This mixture shares the steadiness of the general market for light solvent fractions and quotations named by the producers are repeated at the basis of 8c. per gallon for tankcars, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—The appearance of the market during the past week was not changed appreciably from a week ago. The market is facing the usual dullness of the Summer period and demands are quite mild now. The prices for domestic oils are held in a steady position and foreign oils are also without shift.

Paraffin Waxes. — Quotations for scale wax were not changed materially during the week. The quoted price for 122-124 A.m.p. white scale was 2¼c. to 2.30c. per pound, and, 124-126 A.m.p. scale was named at 2.30c. to 2.35c. per pound. Little wax was moved during the week, but there is quite an interest shown in the scale market on the part of refiners for the purpose of processing it and reselling the wax as fully refined. The spread between scale and fully refined wax prices allows for a manufacturing profit for those equipped to process the former. Fully refined waxes are holding steady at the schedule.

CHICAGO, May 28.—The refined paraffin wax market has been holding its own apparently without difficulty notwithstanding some easiness which has arisen recently in related markets. The buying has been good and continues so. Inquiries are being received on an adequate basis. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, May 28.—Some softness has crept into the market and most of the refiners are quoting 2½c. per uond for the 124-26 American crude, f.o.b. refinery. Some buying for June delivery was done at this price at the close of the week.

Petrolatum.—The condition of the market is much the same as it was a week ago. Frequently the posted prices are shadable by ¼c. per pound on car-lot business, but the sellers have not altered the posted position of the market as yet. Smaller quantity business is being taken at full prices.

Fuels and Lubricants

Eastern refiners were waiting with crossed fingers for the holiday weekend. There is considerable importance in the consumption of gasoline over the Memorial Day holiday, and if the consumption is large enough it may stave off a price cut which has been in contemplation as a means to level off the retail markets, now spotted with a selling under the posted prices. It is believed in some quarters that retail prices would have been marked down last meek had it not been for the prospect of the holiday sales at the end of the week. Tankcar markets are holding in a fairly even position, but retail markets must improve if the wholesale prices are to hold. Kerosene continues to drag along and the posted prices are shadable in some directions. Pennsylvania lubricating oils have stronp leanings, but are unchanged.

Market Conditions

Gasoline.—Retail prices in the New York City market are still in sloppy condition, and posted offerings of six gallons for a dollar have yielded to offerings of the same amount for 98c. There has been frequent rumors that leading marketers would level off the varying prices posted in the retail market, but it was believed that they were waiting until after the Memorial Day holiday, perhaps in the hope that heavy consumption over the holiday week-end would adjust the situation without the necessity of a general mark-down in prices. Other retail markets in the East were spotted with weakness. Tank car prices at local refineries were unchanged with 6¾c. per gallon quoted for U. S. motor, 62-63 octane; 7c. for U. S. motor, 65 octane; and 7.55c per gallon for branded qualities. All quotations are basis refinery. Export gasoline prices at the U. S. Gulf were unchanged last week with quotations as follows:—U. S. motor, 5⅝c. per gallon; 60-62, 400 e.p., 5⅜c. per gallon; 60-62, 390 e.p., 5½c. per gallon, and 64-66, 375 e.p., 5⅝c. per gallon.

Kerosene.—The market continued in the draggy state that it has occupied for the past several weeks. Local refinery quotations for the 41-43 water white grade are named at 4⅞c. per gallon, basis refinery. As reported a week ago, 4¾c. per gallon can be done without difficulty and it was recently reported that 4⅝c. might have been worked in certain directions. The position of prime wnite material for export at the U. S. Gulf was unchanged at 3¾c. per gallon, but water white was ⅛c. lower at 4⅛c. to 4¼c. per gallon.

Fuel and Gas Oils.—The heavy oil market did not change much from a week ago. Heating oil retailers were doing a little booking in forward position. Marine oils were mildly active

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at the refineries was also unchanged. There were no changes in retail gasoline prices at leading cities.

	May 30	May 23	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.296	$1.296	$1.162
Gasoline prices at refineries (at four refining centers), per gallon	.0553125	.0553125	.051875
Gasoline prices at service station (average for ten marketing centers —including tax) per gallon	.1951	.1951	.1883

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 4

White Oils ~ All Grades
PETROLATUMS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.

Made Right — Priced Right
Quality Positively Controlled
PENRECO PETROLATUM is a straight distilled product refined from 100% Pure Pennsylvania Crude oil. It is unexcelled for cosmetics, salves, ointments, etc. For generous samples write, wire, or 'phone.
PENNSYLVANIA
Refining Company, Butler, Pa.
Refineries at KARNS CITY and TITUSVILLE, PA.
PENRECO U. S. P. PETROLATUM

POWERFUL - LOW PRICED
JAVOLLAL
An effective substitute for Citronella . .
Imparts a cleaner, finer, more appealing odor in soaps, insecticides, disinfectants and other technical mixtures.
FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SELLANS Sellans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL

Outputs and Quotas

A comparison of suggested crude oil production for May as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended May 23, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	538,300	558,700
Kansas	150,100	157,100
Texas	1,132,500	1,177,450
Louisiana	170,500	236,700
Arkansas	31,000	30,000
Eastern (not including Michigan)	102,900	108,550
Michigan	38,200	33,750
Wyoming	35,600	35,450
Montana	12,900	15,850
Colorado	4,400	4,550
New Mexico	65,900	74,950
California	544,000	574,100
Totals	2,826,300	3,007,150

and are not yet able to show the usual activity for this time of the season. The bunker oil price continues at $1.05 per barrel for C grade at the terminals.

Lubricating Oils.—Pennsylvania oils held a very firm position last week. Neutral oils were perhaps the strongest in the list, but there were no advances in price beyond the 1c. advance made a fortnight ago. The bright stocks were firm and in fairly good request. Cylinders were also leaning toward the stronger side of the market.

Markets at Other Centers

Continued large demand for gasoline and the proposed curtailment of crude oil production through the Midcontinent field contributed to a better sentiment in the refined oil markets last week. For three weeks, weakness in the gasoline market in contrast to the increasing demand has introduced an uncertainty in the oil markets which became more alarming with crude oil production in excess of three million barrels daily. This large well production forecast the maintenance of refining operations at a high level. But the reduction in crude output now suggests a reduction in refinery runs for the coming month and a more evenly balanced condition of supply and demand.

There has been no improvement in prices in light oils this week, although offerings of gasoline are still large, softness has not spread. Quotations are the same level as has prevailed during the past week. Refiners report steadily expanding shipments of gasoline and one plant during May shipped 15 percent more gasoline than May, 1935. The demand for kerosene, too, is considered satisfactory although there is softness in this product.

All of the present softness in the refined oil market is attributed to the excess in production of wells above the demand estimated by the bureau of Mines. There have been produced about 24 million barrels of crude in excess of this estimated demand during the first four months of this year. In the contract market, however, prices appear well stabilized and there is no tendency for regular contract buyers to desert that market to supply all of their needs in the spot market. The latter is quiet for this time of the year.

The demand for Rodessa gasoline which arose from the offering of the product at important concessions is not so much in evidence and marketers and jobbers are returning to their normal sources of supply. For a time East Texas refiners felt the competition of this product and while buyers were loading up with the cheaper product, some of the normal market for East Texas gasoline had been transferred. It is not the quantity of these products that is large, but it is the fact that the spot market now is thinner and more suscentible to small offerings. Following are the approximate quotations for refined products in the Midcontinent refined oil markets based on group three prices:—

REFINERY GASOLINE.—There is still a large spread between the spot and contract markets. Third grade still fluctuates between 4½c. to 4¾c. per gallon on spot, while in the contract market quotations remain at 5c. In the 63-67 grade (octane) there is also a larger spread than usual ranging from 5½c. to 5¾c. The 68-70 octane grade is firm at 5⅞c. to 6¼c.

NATURAL GASOLINE.—A better tone prevails in this market as a result of the largest volume of trading in many weeks. There is no change in prices. Nevertheless the trading has placed the market in a position to respond to further demand and it is generally conceded that quotations 2½c. to 2¾c. for 26-70 grade is definitely bottom.

KEROSENE.—There are still several refiners that have not lowered their prices although the spot market continues soft. In the resale market some of the 41-43 grade is available at a small fraction under 4c. Most of the refiners quote 4¼c. to 4⅜c. for 41-43 and 4⅜c. to 4½c. for 42-44.

DISTILLATES.—There is practically no demand with the exception of the No. 1 38-42 prime white. It is quoted at 3¾c. During the latter part of the week there were some inquiries for Fall deliveries. Because of the shortage of the lower grades last winter marketers may contract for their supply earlier this year.

FUEL OIL.—Prices are unchanged and demand has turned quiet. The 24-28 grade zero is 90c. to $1 per barrel. The low grades below 14 degrees are still quoted at 55c. to 67½c. per barrel.

LUBRICANTS.—The 200 vis. No. 3 color which was overhanging the market in the neutral oils department has been absorbed and prices in this grade have a better tone. The bright stocks are in a strong position and are well maintaining their advances.

Chicago, May 28.—The tankcar gasoline market has tended to ease off in price to some extent here in the last few days. The consumption and the trade demand has been exceptionally good almost everywhere, but material has been offered in such quantities that it has had some effect on the market. The feeling at present regarding the outlook is a little mixed. The tankwagon and service station markets reveal little change on the whole. Kerosene near the close of the spring season is naturally in smaller demand. The tractor fuels, too, are less active. Heating oils are being stored for the next fuel oil season. Heavy industrial fuels have been quiet but steady. Lubricants hold strong.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5⅝c. to 5½c.; high octane motor, 6c. to 6⅛c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 5c. to 5⅛c.; 68-70, 360, 5⅛c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 white, 3⅝c. to 4c. per gallon; No. 1 straw, 3½c. to 3⅝c.; No. 2 straw, 3c. to 3¼c.; No. 2 dark, 2⅞c. to 3c.; 32-36, dark, industrial gas oil, 2⅝c. to 2½c.

FUEL OILS.—No. 3, 2¾c. to 3c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 67½c.

New Orleans, May 26.—With characteristic firmness the domestic market continued the steady price trend noted in recent weeks. Foreign inquiries and exports were both reported good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6¾c. and 68-70 octane at 7¼c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene was firm at 6⅝c. per gallon at refinery.

Bunker C fuel oil demand was good at a quoted price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on a basis of $1.36 per barrel, delivered.

Alcohol C.D. Formulas Contain New Ingredient

(Continued from page 27)

Boiling range (760 mm.).—None should come over below 113 degrees C. or none above 119 degrees C. when distilled by the A.S.T.M. method.

While the Treasury Department offered no official explanation of the order making the modified C. D. formulas effective immediately, it is understood that the step was taken because officials had reason to believe that certain denaturers were planning to produce large stocks of formulas 5-A and 10 within the next few days or weeks.

The trade has known for some time that both these formulas were to be abandoned and new ones substituted, and it was also the general understanding that the Treasury Department was disposed to take no action regarding stocks of the old formulas. However, when it was learned that large additional quantities of the old formulas were about to be produced just before the deadline, the officials felt it imperative to take drastic action.

While today's order will put denaturers to considerable expense, treasury officials feel it is justified for the protection of the revenue because of their belief that the present formulas lend themselves to manipulation and "cleaning" for taxable uses much more readily than the new formulas about to be prescribed.

Within a few days the Treasury Department will issue further decisions terminating the use of formulas 5-A and 10 and substituting three entirely new and different C. D. formulas. Samples of these new formulas have been distributed to the trade for comment and after some revisions there is now said to be practical unanimity in support of their adoption.

Cleveland P.V.L.A. Elects

The Cleveland Paint, Varnish and Lacquer Association, at its annual meeting, elected the following officers:—President, Fred. Wickham, of the Glidden Company; vice-president and treasurer, J. A. Gehring, of the Pittsburg Plate Glass Company; secretary, N. W. Putnam, of the Imperial Color Works. Executive committee:—Mr. Wickham, Mr. Gehring, Mr. Putnam, Robert L. Hutcheon, W. A. Alpers, S. C. Wagenman, W. H. Leslie, N. A. Ross, C. H. Reed and L. D. Biddle. More than fifty participated in the golf tournament, and prizes were won by:—N. W. Putnam, C. A. Smith, Paul Cathcart, and G. R. Osterland.

W.E.Weiss, Jr., Heads Alba Co.

W. E. Weiss, jr., son of Dr. W. E. Weiss, chairman of the board and general manager of Sterling Products, Inc., is president of the Alba Pharmaceutical Company, pharmaceutical manufacturer, this city. Mr. Weiss has been associated with his father since 1932, for a time being connected with Bayer Products, Ltd., London. Later he represented the J. G. Farbenindustrie A. G. in seventeen European countries. The Alba company, which has its general offices at 80 Varick street, this city, and has branches in Chicago and San Francisco, is manufacturing in Rensselaer, N. Y., a line of pharmaceutical preparations, including "Brocanal," "Dovial," "Pontral," "Quicamphol," "Quiniobine," "Roccal," "Taldan," "Tartro Quiniobine," and "Triple Bromides—Alba."

What You Can Use

Various Materials That Are Suitable for Operating Purposes in the Chemical Processing Industries

Fully Protected by copyright

One-hundred-twenty-sixth Instalment

Latex

Vulcanization Accelerators for Latex

(Continued from May 25 issue)

Amine-formaldehyde condensations with stearic acid
Amine-formaldehyde condensations with zinc acetate
Amine-formaldehyde condensations with zinc chloride
Amine-formaldehyde condensations with zinc hydroxide
Amines in ozocerite
Amines in paraffin
Amines in paraffin oil
5-Aminobenzoaminomercaptothiazoles
Aminobenzothiazyl sulphide
5-Aminobenzothiazole
Aminobutyldithiocarbamate
Aminodithiofuroate with aminochloroacetate
Amino-halogen substituted mercaptoarylthiazoles
Aminoimidazolin series
Aminomercaptobenzothiazole
Aminomercaptoxylothiazole
2-Aminonondecane in ozocerite
2-Aminonondecane in paraffin
2-Aminonondecane in paraffin oil
6-Aminothiazole with amines
6-Aminothiazole with methylcyclohexylamine
6-Aminothiazole with betanaphthylamine
6-Aminothiazole with butylcyclohexylamine
6-Aminothiazole with cyclohexylanilin
6-Aminothiazole with cyclohexylbenzylamine
6-Aminothiazole with ethylcyclohexylamine
6-Aminothiazole with isopropylcyclohexylamine
Aminotridecanes in ozocerite
Aminotridecanes in paraffin
Aminotridecanes in paraffin oil
Ammonium dithiocarbamate
Ammonium dithiocarbamate condensed with an aldehyde
Ammonium dithiocarbamate with amides of dibromoacetic acid
Ammonium dithiocarbamate with esters of dibromoacetic acid
Ammonium dithiocarbamate with amides of dichloroacetic acid
Ammonium dithiocarbamate with esters of dichloroacetic acid
Ammonium ethylxanthogenate
Ammonium salt of dithiofuroacetic acid
Ammonium-butyraldehyde
Amylamine
Amylamine-benzaldehyde condensation products
Amylamine carbonate
Amylamine stearate
Anhydroformaldehydeaniline
Anhydroformaldehydeaniline paratoluidin
Anilin
Anilin and metal oxides
Anilin sulphate
Anilin-acetaldehyde condensation with aluminum chloride
Anilin-acetaldehyde condensation with calcium acetate
Anilin-acetaldehyde condensation with cobalt chloride
Anilin-acetaldehyde condensation with lead acetate
Anilin-acetaldehyde condensation with magnesium acetate
Anilin-acetaldehyde condensation with oleic acid
Anilin-acetaldehyde condensation with palmitic acid
Anilin-acetaldehyde condensation with sodium acetate
Anilin-acetaldehyde condensation with stearic acid
Anilin-acetaldehyde condensation with zinc acetate
Anilin-acetaldehyde condensation with zinc chloride
Anilin-acetaldehyde condensation with zinc hydroxide
Anilin-acetaldehyde plus formaldehyde
Antimony dithiocarbamate
Antimony tetroxide
Antox
Aromatic acyl derivatives condensed with mercaptobenzothiazole
Aromatic amines
Aromatic diaminedioxydinaphthylmethane condensed with a mercaptobenzothiazole
Benzylpyridinium chloride
Benzylpyridinium-2-benzothiazyl sulphide
Benzyltrimethylammonium-2-benzothiazyl sulphide
Betabetamethylalphamethyltrimethyleneamine
Betabetamethylalphamethyltrimethyleneamine carbon bisulphide derivative
Betabetamethylalphamethyltrimethyleneamine urea derivative
Betahydroxyethylpyridinium chloride
Betahydroxyethylpyridinium-2-benzothiazyl sulphide
Betanaphthylamine salts
Beutene
B L E
Bone oil
Bromoparabenzoquinones
Butene
Butylaldehydeanilin
Butylaldehydediethylamine
Butylaldehydeethylamine
Butylaldehydeparatoluidin
Butylammoniummercaptothiazole
Butyl-6-nitrobenzothiazyl mercaptide
Butylpara-aminodimethylanilin with mercaptobenzothiazole
Butylpara-aminodimethylanilin with mercaptonaphthiazole
Butylpara-aminodimethylanilin with mercaptotolylthiazole
Butylpara-aminodimethylanilin with mercaptoxylylthiazole
Butyraldehydeanilin
Butyraldehydeanilin condensation products
Butyraldehydeparaamino dimethylanilin
Butyraldehydepropylamine
Butyraldehydepropylamine with mercaptobenzothiazole
Butyraldehydepropylamine with mercaptonaphththiazole
Butyraldehydepropylamine with mercaptotolylthiazole
Butyraldehydepropylamine with mercaptoxylylthiazole
Butyric acid
Cadmium butylxanthogenate
Cadmium salt of butyric acid
Cadmium salt of caproic acid
Cadmium salt of crotonic acid
Cadmium salt of ethylpropylacetic acid
Cadmium salt of heptoic acid
Cadmium salt of hexahydrobenzoic acid
Cadmium salt of isobutyric acid
Cadmium salt of 3-methyl-5-ethylhexoic acid
Cadmium salt of propionic acid
Cadmium salt of pentamethylenedithiocarbamic acid
Cadmium salt of valeric acid
Caesium salt of dithiofuroacetic acid
Calcium ethylxanthogenate
Calcium oxide
Calcium oxide plus alum containing water of crystalization
Calcium pentamethylenedithiocarbomate
Calcium phenolsulphonate
Caproic acid
Captax
Carbamylmethyl 1-benzothiazylsulphide
Carbanilide
Carbon bisulphide addition products of tridimethylaminophosphin
Carbon bisulphide addition products of tripiperidylphosphin
Carbon bisulphide carbamylmethyl-1-dibenzothiazylsulphide
Carbon bisulphide derivative of benzaldipiperyl
Carbon bisulphide derivative of methylenedipiperidine and oleic acid
Carbon oxysulphide
Carbon tetrachloride
Carbodiphenyldi-imide reaction product of mercaptobenzothiazole
Carbothiacetonine
Carboxyethyl diethyldithiocarbamate
Carboxyethyl dimethyldithiocarbamate
Carboxymethyl diethyldithiocarbamate
Carboxymethyl dimethyldithiocarbamate
Carboxymethyl dipentamethylenedithiocarbamate
Cauprene bromides
Cauprene chlorides
Chloroketones condensed with mercaptobenzothiazoles
2-Chlor-5-nitrobenzenesulphonic acid benzylester
Chloroparabenzoquinones
5-Chlorothiazoles with amines

(To be continued)

Fertilizer Materials

Nitrogenous Material Offered for Summer and Fall Shipment at $2 per Unit, C.I.F. — Sales Are Lively — Top-Dressing Trade Delayed Awaiting Rainfall in South

Sellers of nitrogenous material stole a march on the remainder of the organic ammonia trade last week and bookings of several thousand tons for Summer and Fall shipment were reported to have been made during the week. The move was prefaced by the appearance of offerings of Milwaukee sewage tankage for July and forward position at reduced prices. Rough ammoniate futures were quickly put on the market at the basis of $2 per unit at the ports and heavy bookings followed. This action by the nitrogenous suppliers reverses the situation of a year ago when fish products got the jump on the market and left nitrogenous more or less waiting in the background for a price appreciation that never took place. This year, forward booking of fish products had been delayed by the move to tax imports which, was beaten in the senate on Thursday when the Senate Finance Committee refused to accep the proposal as part of the revenue bill. So far, the only appreciable trade exercised in fish scrap futures is the 2,700 tons or so of Chesapeake Bay scrap booked on a when-and-if-made basis a few weeks ago. Estimates of the tonnage of nitrogenous booked last week vary widely but something in the neighborhood of 15,000 tons seems reasonably reliable.

The mineral ammoniates were more or less at a standstill during the week. There were no further developments on price outlook for the coming season. Top-dressing demands are far below normal and continue tardy because of the lack of rain in the South. Many sections have been without rainfall for six to eight weeks and cotton farmers are unable to get crops to stand. The Norfolk potato section did not have rain for 45 days.

Potash materials are very quiet at present and interest in K_2O is also centered upon price prospects for the new season.

Superphosphate deliveries are beginning to increase in certain sections and the improvement appears to be the result of the soil conservation program. So far there has been little improvement in the South, and the betterment shows up most in the dairy sections where pasture improvement is looked for enthusiastically. The use of superphosphate in the soil building and conservation program is bound to have an effect upon the top-heavy supply situation of superphosphate, but whether or not the demand will be extensive enough to have any influence on the price situation for next season is something that remains to be seen.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

Blood, dom., New York, 10c. per unit.
Bone, raw, 4½ & 50, import, $1 per ton.
Nitrogenous material, import, 5c. per unit.
Tankage, dom., New York, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
59.1	59.1	59.1	57.5

Market news that may have developed after this report was sent to press will be found on page 2.

Ammoniates

Nitrate of Soda.—The lack of rain in the South continues to retard the market. Some cotton crops have been without rain for more than six weeks and the top-dressing demands for nitrate have been delayed until farmers can get cotton to take a good stand. Ordinarily the dressing demand is past its peak at this time of the year, but this season's dressing business to date is quite below normal. Nitrate prices hold firmly at the schedule.

Sulphate of Ammonia.—The port prices named in the schedule are being beaten in some directions. Deliveries to ports have been made from some inland points at prices which figure out around $25 to $25.50 per ton at the ports. The schedule price at ports is $26 per ton. The demand side of the market is mildly active. There are no further developments on the likely position of sulphate for the forthcoming season. Production turned sharply upward in April, reaching the highest monthly total in recent years. April production of sulphate or its equivalent, as estimated by the Bureau of Mines from by-product coke operations during that month, totaled 55,212 short tons, an increase of 7 percent over the 51,614 tons produced in March. The production in April, 1935, was 40,942 tons. Production for the first four months of this year was estimated at 208,980 tons, against 170,803 tons in the corresponding months of 1935. The Bureau of Mines monthly estimate of production for the first four months of 1936 and a comparison with the corresponding months of the two preceding years, follows:—

	Tons		
	1936.	1935.	1934.
January	52,420	42,787	37,909
February	49,734	42,562	38,343
March	51,614	44,512	45,729
April	55,212	40,942	44,300

Cyanamid.—Conditions surrounding the market now typify what is usually present at the approach of the season's close. As reported previously, the prices are holding for the balance of the season.

Dried Blood.—The market is quiet Importers continued to quote $2.60 to $2.65 per unit, basis c.i.f. ports, for shipment from abroad. The New York market was 10c. per unit lower than previously with $2.50 per unit quoted against previously asked prices of $2.60 per unit. The Chicago market held without change at $2.90 to $3 per unit.

Fish Scrap.—There have been no recent offerings of Chesapeake menhaden futures and the booking of additional contracts had been held up pending the outcome of the move to tax fish meal imports. This move fell short of its objective when the Senate committee refused to accept it as part of the revenue bill. The Florida fishing season is about ended with very poor results and the North Carolina fleet will probably start out this week. California sardine meal future are now offering at $34 per ton on the West Coast, which figures out over $3 and 10c. per unit-ton, at Eastern ports.

Nitrogenous Material.—Heavy sales were reported last week following the appearance of Summer offerings of prices. The reported offering price of sewage material was $1.40 per unit, f.o.b. Milwaukee. Several thousand tons of foreign and domestic nitrogenous were said to have been booked for Summer and early Fall delivery last week at $2 per unit, c.i.f. ports. Surprisingly England seems to be the most active foreign seller in the market. One Norfolk seller continues to quote $2.15 per unit. The summer market at Chemical, Ill., was named at $1.85; there were no reports from Wisconsin but indirectly it was understood that prices equivalent to $1.65 could be worked.

Tankage.—Local prices were somewhat lower last week. Ground material in New York was priced at $2.65 and 10c. per unit-ton, a reduction of 10c. from a week ago; unground material is offered at $2.40 and 10c. per unit-ton, also off 10c. from former quotations. The Chicago market continued unchanged at $2.40 and 10c. for fertilizer grade and $2.75 and 10c. for feeding grade.

Potashes

All of the interest in the agricultural potash market is now centered is the forthcoming issuance of prices for next season. Otherwise the market is wholly without life. What the new prices will be and when they will be issued is the center of concern just now. Some market factors have indicated a desire for higher prices than those of last Summer but there are no indications now as to what the price level will be. Also, it is believed that prices will not be made known during the next few weeks.

Phosphates

The soil conservation program is absorbing a fair amount of superphosphate, according to the recent sales figures of some of the leading manufacturers. So far the extent of material purchased for soil building or conservation has not made much of an impression on the stocks but there has been an improvement and it seems to be the result of the government's program. The increase has shown up most in the dairy sections.

Bone Materials.—South American raw bone, 4½ and 50, was $1 per ton lower last week with offerings at $26 per ton for shipment, basis c.i.f. Domestic material at Eastern ports continued at $27 to $28 per ton, c.i.f. Some Chicago houses quoted $25 per ton for 4½ and 50 bone.

Superphosphate.—The movement has been improving and the increased demand appears to be the result of the soil conservation program. Some areas, particularly the dairy sectors,

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

DOMESTIC
SULPHATE OF AMMONIA AND AMMONIA LIQUOR
The Barrett Company
40 RECTOR ST. NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG U S PAT. OFF.
MURIATE OF POTASH
50% and 62½% K_2O
•
MANURE SALTS
25%—30% K_2O
UNITED STATES POTASH COMPANY, INC.
30 Rockefeller Plaza, New York, N. Y.

The GENERAL MANAGER wouldn't listen—

—until customers began to complain

HE THOUGHT his old-fashioned containers were good enough — but his *customers* didn't. They were receiving products which had deteriorated in storage and transit.

The loss of customers due to faulty containers is stopped when you ship in Bemis Waterproof Bags. They provide *complete* protection against sifting, odor, dust, and loss or gain of moisture.

There is a *type* of Bemis Waterproof Bag for every industry. They provide any degree of protection required. And users profit by important savings in original cost, freight, handling, storage, and labeling.

It will cost you nothing to investigate Bemis Waterproof Bags, and it may solve your shipping problem. Write for further information.

BEMIS BRO. BAG CO.
400 Poplar St. St. Louis, Mo
5102 Second Ave. Brooklyn, N. Y.
BEMIS Waterproof BAGS

All Grades of MURIATE of Potash and SULPHATE of Potash for Chemical Purposes

POTASH PAYS ON ALL CROPS
N. V. Potash Export My.
INCORPORATED
19 West 44th Street, New York
Telephone: Vanderbilt 3-4588

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer

Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.

50 East 41st Street New York City
Member:—Association of Consulting Chemists and Chemical Engineers

Chemical Engineers—

Representation on this page would result in inquiries and business. We have a special rate for professional cards. May we quote it to you?

Oil, Paint and Drug Reporter 12 Gold Street, New York, N. Y.

Frank R. Gunn Company
Analytical and Consulting Chemists

OILS, FATS, WAXES, SOAPS, FLOUR AND FEEDS, FERTILIZERS

Ontario and Brabant Streets Philadelphia

Charles H. LaWall Joseph W. E. Harrisson

LAWALL AND HARRISSON
Analytical and Consulting Chemists

Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.

214 So. 12th Street, Philadelphia, Pa.

Pease Laboratories, Inc.

CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS

39 West 38th Street . . . . . New York

Est. 1865

W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS

Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone Hanover 2-3772

128 Water Street New York City, N. Y.

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony

210 South 13th Street.....Philadelphia, Pa.

"Nothing Pays Like Research"

Bureau of Chemistry
New York Produce Exchange
H. E. Trevithick, Ph. B., B. S.
2 Broadway New York

Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

Collsol Research Laboratory
Consultants, Research, Analytical Colloids, Emulsions, Synthetic Waxes, Cosmetics, Pharmaceuticals, Auto, Wax, Rubless Polishes. Duplication of standard products. Special organic syntheses. Preparation of microphotographs and sales booklets.

370 Seventh Ave. New York City
PE 6-8561

Ekroth Laboratories, Inc.
Since 1889

General Analytical
Industrial Chemical
Problems Bacteriological

Vitamin Assays and Biochemical Investigations
Foods, Processes, Products, Regulations
Chrysler Building, New York
Ekroth Building, Freeman and West Sts., Brooklyn, N. Y.

ANTI KNOCK VALUE DETERMINATIONS

The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-975 Frelinghuysen Ave., Newark, N. J.
Telephone: Terrace 3-4930

Hochstadter Laboratories, Inc.
Chemical Analyses, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-8260/8261.
254 West 31st Street New York

Knight & Clarke
80 E. 41st Street New York, N. Y.
OFFICIAL ANALYSTS
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.
American Gum Importers Assoc.
Accredited Shellac Laboratory U. S. Navy

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulae Perfected. Problems Solved. Plants Equipped.
433 Stuyvesant Ave. Irvington, N. J.
Phone Terrace 5-3620.
E. M. Laning, B. Sc., President.
Robert C. Pursell, Phar. D., V.-Pres.

Manufacturers

who need Scientific and Professional Services, not only in the United States and Canada, but throughout the world, read the Oil, Paint and Drug Reporter every week.

They would be interested in your services.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry; Consultation on Formulation and Processing of Paints, Varnishes and Shellacs.
128 Water Street HA 2-8096

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting Analytical and Research
847 W. Virginia Street.
Milwaukee, Wis.

Pacific Food & Drug Laboratories, Inc.
Specializing in
VITAMIN ASSAYS
and development work
Pacific Beach, California

Henry Roger
(Formerly Research Associate of Dr. Alexis Carrel, Rockefeller Institute)
Visual Proof in Industrial Processes with the aid of scientific photography and motion pictures. Microscopic research, photomicrography, micro motion pictures. Expert Advice and Testimony. Design and Construction of Special Apparatus.
Laboratory and Mailing Address:
Sandy Hook, Conn. Phone: Newton 65-3.
By app: 30 Rockefeller Plaza, New York

Schwarz Laboratories, Inc.
Analysts, Biologists, Consultants
ESSENTIAL OILS, EDIBLE OILS, FOODS, BEVERAGES AND RELATED ITEMS
202 East 44th St., New York, N. Y.
Telephone: Murrayhill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. D., B. Sc.

SPR

Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone Ashland 4-4542.
16 East 34th St. New York City

Snell, Inc., Foster D.
Chemists—Engineers
Every form of chemical service.
305 Washington St. Brooklyn, N Y.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street New York

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen.
29 Norman Road Montclair, N. J.
Telephone 3-4516

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing on analysis of beverages, fertilizers, phosphates, wood pulp.
Calvert and Read Streets,
Baltimore, Md.
coal and coke, feeding materials, etc.

TREASURERS AND CREDIT MANAGERS

A dignified and thoroughly reliable organization specializing in the collection of delinquent accounts anywhere in the United States and Canada for producers and users of Chemicals and Related Materials.
A Surety Bond has been posted for the protection of our clients.

BERNARD & THORNER
"A Nation-Wide Collection Service"

Integrity Building, Philadelphia, Pa. — Pennypacker 6484
Baltimore Life Building, Baltimore, Md. — Plaza 2922
7 East 44th Street, New York City — Murray Hill 2-2918

have been taking larger than usual quantities. Whether or not the extent of the consumption under the soil conservation program will absorb stocks sufficiently to strengthen the prices for next season, is something that remains to be seen.

Sulphur and Pyrites

The market did not contain any new or important developments during the past week. Phosphate acidulators are not taking much sulphur for their burners now and will not show much of an activity until mid-Summer. the chemical processing trade is purchasing in a routine way. Steel rollsers continue as active buyers. Prices continue unchanged at the long standing level.

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine

CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

Markets at Other Centers

Atlanta, May 28.—The fertilizer market is quite dull. The top dressing market is usually quite active at this period of the year is very slow because of continued dry weather. Crops throughout the South are suffering for rain which has very generally not fallen in the Southeast for six to eight weeks. The crops to which most fertilizers are applied, cotton and tobacco, are getting off to a bad start as a result of the drouth.

The fertilizer needs of the Soil Conservation Service in the South have been supplied for the present planting season and no further demand of this sort will develop until the Fall.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, ports.

SULPHATE OF AMMONIA.—$26 per ton, port basis.

COTTONSEED MEAL.—Seven percent grade, $23 per ton, interior mill points.

BLOOD.—$2.60 per unit, ports; $2.90 Chicago.

TANKAGE.—So. Am. $2.75 and 10c., port basis; Chicago, $2.75 and 10.

NITROGENOUS.—$1.40 per unit, Milwaukee; ports $2.05 per unit.

Baltimore, May 26.—Quiet continued to rule the market for fertilizer materials here. Inquiry for crude stocks is very hesitant, and it is not always easy to determine what the market prices are. Current quotations are about as follows:—

FISH SCRAP.—The volume of scrap booked down the Chesapeake Bay on a when-and-if-made basis stands at 2,700 to 2,800 tons. Reports from Florida are to the effect that the fishing there has been indifferent, while operations off the Carolinas are yet a week off. Domestic fish meal is still being held at $41 to $41.50 per ton.

TANKAGE.—Quotations continue at $2.80 and 10c. to $2.90 and 10c. per unit-ton, c.a.f. Baltimore.

BLOOD.—A slight easing off has taken place, with some business done at $2.80 per unit-ton c.i.f.

GARBAGE TANKAGE. — Quotations continue at $3 10c. and 70c. to $3.10 10c. and 70c. per unit-ton.

BONE.—The figures stand at $23 to $24 per ton for 3 and 50 ground steamed and at $24 to $25 per ton for 4½ and 50 ground raw stocks.

Chicago, May 28.—A somewhat easier market situation has developed in the fertilizer materials, with organics generally ruling a little easier and with the buying trade inclined to let the market alone for the time being until the market may have sought and settled at its level. Offerings are moderate but the buyers are quite cautious. The blood offerings show little change in the aggregate volume. Movement of this material seems to have been fairly extensive. Tankage is quiet and rather dull. Bone materials have shown no important change recently.

BLOOD.—High grade, ground and unground, $2.80 to $3 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $2.80 to $3 and 10c.; 7 to 9 percent, $3 to $3.20 and 10c.

TANKAGE.—High grade, ground, $2.40 to $2.50 and 10c.; low grade tankage, $15 to $16 per ton, Middle West; liquid stick, $2 to $2.25; hoof meal, $2.40 to $2.50.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $15 to $16; 3 and 50 percent, $17 to $18; 4½ and 50 percent, $20 to $21; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $24 to $25; pork cracklings, soft pressed, $40 to $45; beef cracklings, soft pressed, $35 to $40; hard pressed cracklings, per unit of protein, 65c. to 67½c.

San Francisco, May 25.—Fertilizers remain in the background here. Conditions in the trade are very quiet at this time and many prices are no more than nominal. There is no particuluar trend noted. Buyers are naturally waiting to hear announcements of the next season's nitrogen prices and until these are forthcoming nothing much is going to be expected. Some light business is transpiring in organics, such as blood and tankage, but this is of no particular consequence at the moment. New season fish meals are on the market at concessions considerably under the current spot price. Potential buyers, however, are not serious taking these into consideration, preferring to wait until closer to production time. Meantime, spot fish meals have continued to advance in price, the remaining holdings being small.

(Continued on page 64)

Imports, Exports, and Charters

All matter under this head fully protected by copyright

New York Imports

ACETYLSALICYLIC, CALC—1 cs, Merck & Co, American Banker, London

ACID ADIPIC—9 bbls, E I Du Pont de Nemours Co, Washington, Hamburg

COCONUT OIL—125 bbls, 42 dms, Haas Bros, Black Osprey, Rotterdam

CRESYLIC—2 dms, K M Irey, Tuscania, Glasgow
50 dms, Anchor Line, Tuscania, Glasgow

HYDROCHLORIC—1 cs, General Dyestuff Corp, Leerdam, Rotterdam

LINSEED OIL—207 bbls, Woburn Degreasing Co, Statendam, Rotterdam
100 bbls, Wecoline Product Co, Leerdam, Rotterdam

NAPHTHENIC—98 dms, 48,848 lbs, Shell Eastern Product Co, Exmoor, Constanza
111 dms, 50,657 lbs, Petroleum By Product Co, New York, Hamburg

PHOSPHORIC—1 cs, Elmer & Amend, Thule, Hamburg

AGAR AGAR—15 bls, Mitsui & Co, Amagisan, Kobe
10 bls, Dodwell & Co, Amagisan, Kobe
20 bls, T M Duche & Sons, Kwansai, Kobe
10 bls, Manufacturers Trust Co, Kwansai, Kobe

ALBUMEN EGG, HEN—19 cs, D L Moss & Co, Hoegh Merchant, Shanghai

IMPURE PROD—10 cks, Franklin Import & Export Co, New York, Hamburg

ALCOHOL SULPHONATED—5 bbls, 2,510 lbs, E I Du Pont de Nemours Co, President Harding, Hamburg

ALMOND MEAL—15 kgs, Ungerer & Co, Britannic, London

ALOE—12 cs, J L Hopkins & Co, Britannic, London

ALUM-POTASH CHROME—31 cks, 23,815 lbs, National Carloading Corp, President Harding, Hamburg

ALUMINUM LEAF—53 cs, Globe Shipping Co, Columbus, Bremen
82 cs, Rohner, Gehrig Co, New York, Hamburg
65 cs, Globe Shipping Co, New York, Hamburg

POWDER—7 dms, Phoenix Shipping Co, New York, Hamburg

ANNATTO SEED—30 bgs, J A Manton, Haiti, Kingston

ANTICHLOR—288 bgs, Culver Export Corp, New York, Hamburg

ANTIMONY, METAL—754 pkgs, American Smelting & Refg Co, Cauto, Tampico
ORE—1,198 bgs, Bank of London, Santa Barbara, Arica
600 bgs, Philipp Bros, Santa Barbara, Arica
2,420 bgs, Bank of London, South America, Santa Barbara, Antofagasta
510 bgs, W R Grace & Co, Cacique, Callao
1,220 bgs, National Lead Co, Southern Prince, Buenos Aires

OXIDE—630 bgs, Wah Chang Trading Corp, Kwansai, Changsha

ARROWROOT—300 bgs, Morningstar Nicol, Nerissa, St Vincent
220 bbls, Morningstar Nicol, Scanpenn, St Vincent

ARSENIC, WHITE—156 bbls, American Smelting & Refg Co, Cauto, Tampico
4 cks, 2,428 lbs, Natural Product Co, New York, Hamburg

ARTISTS' MATERIAL—9 cs, Gallagher & Ascher, Statendam, Rotterdam
2 cs, Winsor & Newton, Britannic, London

ASBESTOS—3,300 bgs, Tunnel Asbestos Cement Co, Excalibur, Alexandria

ASPHALT—3 dms, Exminster, Piraeus
1,035 cakes, Columbus, Bremen
316 bgs, Central Commercial Co, Seatrain, New Orleans, Havana
26 bgs, American Banker, London
200 bgs, A V Berner & Co, Orizaba, Havana

BALSAM—20 cs, Dodge & Olcott Co, Ancon, Cristobal

BARBASU KERNELS—1,333 bgs, Franklin Baker Co, Benedict, Maranham

ROOT—62 bls Benedict, Itacoatiara

BARIUM, HYDRATE—28 cks, 5 tons, 14 cwt, 1 qrt, 24 lbs, Carinthia, Liverpool

BARK, MEDICINAL—3 bls, Cohen & Co, Munargo, Nassau

BAUXITE RESIDUE—18 bgs, Nichols Engineering & Research Corp, Julianne I, Georgetown
100 cks, C J Osborn & Co, Tuscania, Glasgow

BENZOL, CRUDE—American Oil & Supply Co, Dolomite, Saulte Ste Marie

BISMUTH, REFD—150 cs, Cerro de Pasco Copper Corp, Cacique, Callao

BORON FLUORIDE—15 cyls, Standard Oil Co, Black Osprey, Rotterdam

BRISTLES—10 pkgs, F W Von Stade, Amagisan, Kobe
6 bbls, Industrial Trust Co, Carplaka, Gdynia
12 cs, Chestnut, Cooper & Co, Britannic, London
100 cs, F W Von Stade, Hoegh Merchant, Hankow
6 cs, F H Cone & Co, Hoegh Merchant, Kobe
15 cs, Globe Shipping Co, New York, Hamburg
12 cs, American Banker, London
24 cs, Draeger Shipping Co, Batory, Gdynia
6 bbls M Broverman & Son, Batory, Gdynia
151 cs, Mitsui & Co, Kwansai, Hankow
396 cs, National City Bank, Kwansai, Harbin
26 cs, Royal Bank of Canada, Harbin
66 cs, National City Bank, Kwansai, Harbin
66 cs, National City Bank, Kwansai, Tientsin
12 cs, National City Bank, Kwansai, Harbin
10 cs, Guaranty Trust Co, Kwansai, Dairen

BRONZE POWDER—1 cs, Phoenix Shipping Co, President Harding, Hamburg

BURDOCK ROOT—20 bls, Emile Francqui, Antwerp

CACTUS—20 cs, A Hartrodt & Co, Santa Barbara, Callao

CADMIUM METAL—10 cs, Penniand, Antwerp

CALCIUM TARTRATE—555 bgs, Harshaw Chem Co, Exminster, Piraeus

CALOMEL—5 cs, Lo Curto & Funk, American Banker, London

CAMPHOR—454 cs, Dupont Miscaloid Co, New York, Hamburg
10 cs, Kwansai, Kobe

CARAWAY SEED—100 bgs, R L Friedler, Statendam, Rotterdam

CAROB FLOUR—10 cs, Fvcalibur, Marseilles

CASCARILLA BARK—5 bls, W M Allison & Co, Munargo, Nassau

CASEIN—358 bgs, Balfour, Guthrie & Co, Emile Francqui, Antwerp
334 bgs, Balfour, Guthrie & Co, Berengaria, Southampton
84 bgs, American Cyanamid & Chem Co, Southern Prince, Buenos Aires
286 bgs, A Hurst & Co, Washington, Havre

CASSIA—100 bls, B H Old & Co, Noto, Hongkong
776 bgs, Catz American Co, Kota Inten, Padang

CASSIA—164 bls, 90 pkgs, H P Winter & Co, Kota Inten, Padang

CASTOR BEANS—3,888 bgs, Benedict, Ceara
1,231 bgs, Benedict, Camocim

CELERY SEED—15 bgs, 3,332 lbs, L A Champon, Excalibur, Marseilles
70 bgs, Dyson Shipping Co, Excalibur, Marseilles

CHALK, BLOCK—1,045,000 kilos, Taintor Trading Co, Collamer, Dunkirk

COMMON—670 bgs, Lo Curto & Funk, American Banker, London

PRECIPITATED—100 cks, 150 bgs, 50 bbls, H J Baker & Bros, Carinthia, Liverpool

CHAMOIS—5 cs, American Express Co, Washington, Havre
3 cs, American Sponge & Chamois Co, President Harding, Havre

CHAMOMILE FLOWERS—10 cs, 2,816 lbs, J L Hopkins & Co, New York, Hamburg

CHEMICALS—4 cs, International Forwarding Co, Thule, Hamburg
4 crbys, Merck & Co, Thule, Hamburg
3 dms, Thule, Hamburg
45 dms, 75 cs, Bergstrom Trading Co, Kungsholm, Gothenburg
5 dms, Advance Solvents & Chem Co, Statendam, Rotterdam
51 dms, American Cyanamid & Chem Co, Statendam, Rotterdam
10 dms, Michel Export Co, Statendam, Rotterdam
25 bbls, Hummel Chem Co, Statendam, Rotterdam
126 cks, Statendam, Rotterdam
25 cks, Robinson, Wagner Co, Statendam, Rotterdam
15 cks, General Dyestuff Corp, Statendam, Rotterdam
40 cks, Wm Neuberg, Statendam, Rotterdam
13 pkgs, Merck & Co, Statendam, Rotterdam
51 cks, 150 bgs, 23 cs, Columbus, Bremen
100 cks, American Cyanamid & Chem Co, Columbus, Bremen
2 cs, 60 kegs, 33 dms, 32 cks, Pfaltz & Bauer, Columbus, Bremen
400 bgs, American Express Co, Pennland, Antwerp
16 dms, Advance Solvents & Chem Co, Pennland, Antwerp
220 bgs, 40 dms, 68 cks, Black Osprey, Rotterdam
11 dms, 353 cks, 91 cs, Advance Solvents & Chem Co, Black Osprey, Rotterdam
320 cks, African Metal Corp, Emile Francqui, Antwerp
20 cks, Ore & Chem Co, New York, Hamburg
45 cks, New York, Hamburg
560 bgs, 40 cks, 120 crbys, New York, Hamburg
25 crbyg, 3,394 lbs, Advance Solvents & Chem Co, New York, Hamburg
10 cs, American Cyanamid & Chem Co, New York, Hamburg
1 cs, P R Drayer, New York, Hamburg
27 dms, 12,192 lbs, New York, Hamburg
35 bbls, National City Bank, New York, Hamburg
13 cs, Schimmel & Co, New York, Hamburg
3 cs, R H Petry & Co, New York, Hamburg
24 cks, 13,992 lbs, New York, Hamburg
28 bbls, P C Kuyper Co, New York, Hamburg
6 cs, Byk, Inc, New York, Hamburg
181 bbls, 51 dms, 1 cs, New York, Hamburg
25 cs, 3 dms, Bergstrom Trading Co, Gripsholm, Gothenburg
102 cs, National City Bank, Kwansai, Osaka
13 cks, Stanley Doggett, Bremen, Bremen

CHILLIES — 112 bgs, Joensson Import Corp, Amagisan, Kobe

CHINA CLAY—20 cks, 2 tons, 7 cwt, English China Clay Sales Corp, Carinthia, Liverpool
10 bgs, New York, Hamburg

CHLOROPHYL—2 cs, 279 lbs, Harshaw Chem Co, President Harding, Hamburg

CHRYSALIS MEAL—336 bgs, Saito Trading Co, Hoegh Merchant, Yokohama

CINCHONA BARK—2 cs, Lo Curto & Funk, American Banker, London

PRODUCTS—30 cs, R W Greeff & Co, Statendam, Rotterdam

CINNABAR—10 bbls, 2,409 lbs, A Hurst & Co, Exmouth, Leghorn

CLAY—750 bgs, 165,000 lbs, W Manley, New York, Hamburg

COALTAR DERIVATIVES—13 cks, General Aniline Works, Statendam, Rotterdam

INTERMEDIATES—33 dms, General Aniline Works, Statendam, Rotterdam
60 cks, General Dyestuff Corp, Statendam, Rotterdam
21 dms, 6 cks, General Aniline Works, Leerdam, Rotterdam
21 cks, General Dyestuff Corp, Columbus, Bremen
42 cks, General Aniline Works, New York, Hamburg
1 bbl, Geigy Co, Bremen, Bremen
2 dms, 2 cks, Sandoz Chem Works, Bremen, Bremen
36 cks, General Dyestuff Corp, Bremen, Bremen

COBALT, METAL—3 cs, F Samuels & Co, Carinthia, Liverpool

COCA LEAVES—70 bls, Mallinckrodt Chem Works, Cacique, Salaverry

COCOA BEANS—50 bgs, Schutte & Focke, Amazone, Curacao
17 bgs, Struller & Wood, Amazone, Curacao
32 bgs, W & A Leaman, Amazone, Curacao
150 bgs, Amazone, Porto Cabello
402 bgs, W R Grace & Co, Benedict, Itacoatiara
2,300 bgs, Curacao Trading Co, Borinquen, Trujillo
500 bgs, Curacao Trading Co, Borinquen, Trujillo
1,150 bgs, Ancon, Cristobal
500 bgs, Fruit Dispatch Co, Veragua, Porto Limon
500 bgs, Nerissa, Grenada
708 bgs, Scanpenn, Port Spain
250 bgs, Gordan Grant & Co, Scanpenn, Port Spain
100 bgs, Wessel, Duval & Co, Scanpenn, Grenada
500 bgs, Royal Bank of Canada, Polarland, Ciudad
1,000 bgs, Curacao Trading Co, Polarland, San Pedro
8,383 bgs, Machado & Co, Polarland, Sanchez
1,600 bgs, Wessel, Kulenkampf & Co, Polarland, Sanchez
400 bgs, Curacao Trading Co, Polarland, Shanchez
1,951 bgs, Gillespie & Co, Polarland, Sanchez
400 bgs, Gillespie & Co, Polarland, Porto Plata
250 bgs, Wessel, Kulenkampf & Co, Polarland, Porto Plata
125 bgs, Machado & Co, Polarland, Porto Plata
84 bgs, Lopez & Mangual, Lara, Maracaibo
100 bgs, Lara, Porto Cabello
COCOA BEANS—1,000 bgs, Machado & Co, Lara, La Guaira
345 bgs, Scholtz & Co, Lara, La Guaira
250 bgs, Gordon Grant & Co, Southern Prince, Port Spain
250 bgs, Seas Shipping Co, Southern Prince, Port Spain
1,125 bgs, Antofagasta, Guayaquil

COCONUTS—143 bgs, 14,300 lbs, Simons & French, Borinquen, San Juan
20 bgs, 2,000 lbs, H Bernstein & Son, Borinquen, San Juan
500 bgs, 50,000 lbs, A N Leakway, Haiti, Kingston
1,721 bgs, 172,100 lbs, Franklin Baker Co, Haiti, Kingston
1,000 bgs, 100,000 lbs, I L Toledano Corp, Ancon, Cristobal
401 bgs, 40,100 lbs, Durkee Famous Foods, Nerissa, Trinidad
600 bgs, 60,000 lbs, Durkee Famous Foods, Nerissa, St Vincent
765 bgs, 76,500 lbs, Durkee Famous Foods, Nerissa, St Lucia
350 bgs, 35,000 lbs, Fruit Dispatch Co, Ulua, Kingston

COLORS—1 cs, B F Drakenfeld & Co, President Harding, Havre
1 cs, General Dyestuff Corp, Statendam, Rotterdam
1 cs, Weiss Forwarding Co, New York, Hamburg
1 cs, Phoenix Shipping Co, New York, Hamburg
6 kgs, S H Pomerance Co, Washington, Havre

BRONZE—6 dms, Bryant & Hefferman, New York, Hamburg

CADMIUM—4 cks, 468 lbs, Hensel, Bruckmann & Lorbacher, President Harding, Hamburg

CERAMIC—2 cs, B F Drakenfeld & Co, Carinthia, Liverpool

EARTH—12 cks, Reichard-Coulston, Statendam, Rotterdam
53 cks, Calco Chem Co, Columbus, Bremen

PIGMENT—10 jugs, General Dyestuff Corp, Statendam, Rotterdam

COPPERAS—100 bbls, 48,571 lbs, R D Hines, President Harding, Hamburg
50 cks, R D Hines, Pennland, Antwerp

CORK BOARDS — 60 bls, Henry Suhl, Exmouth, Algiers

SHAVINGS—168 bls, Johnson-Turner Trading Co, Exminster, Bona

WASTE—4,736 bls, Exmoor, Djidelli
562 bls, Wicander & Co, Bornholm, Lisbon
9,034 bls, L Mundet & Sons, Bornholm, Lisbon
981 bls, Johnson-Turner Trading Co, Exminster, Bona
2,703 bls, Johnson-Turner Trading Co, Exminster, Bona

WOOD—5,863 bls, Wicander & Co, Bornholm, Lisbon
5,560 bls, L Mundet & Sons, Bornholm, Lisbon
20 bls, Johnson-Turner Trading Co, Exminster, Bona

COTTON LINTERS—750 bls, Hercules Powder Co, Southern Prince, Santos

CUTTLEFISH BONES—150 cs, Hinton & Co, Hoegh Transport, Trieste
500 cs, Excalibur, Marseilles

CYCLOHEXANONE—3 bbls, E I du Pont de Nemours Co, Washington, Hamburg

DEXTRIN — 30 bgs, Innis, Speiden & Co, Statendam, Rotterdam
250 bgs, Stein, Hall & Co, Statendam, Rotterdam

DIGITALIS LEAVES — 25 bgs, President Harding, Hamburg
10 bgs, J L Hopkins & Co, President Harding, Hamburg

DRUGS, CRUDE—30 bgs, 4,699 lbs, W L Newberry, President Harding, Hamburg
1 cs, Ungerer & Co, Britannic, London
10 cs, 1,390 lbs, New York, Hamburg
16 pkgs, J L Hopkins & Co, Hoegh Transport, Trieste

DYES, ALIZARIN—21 cks, 3 dms, General Dyestuff Corp, Statendam, Rotterdam
52 jugs, 4 cks, General Dyestuff Corp, Leerdam, Rotterdam
14 cks, General Dyestuff Corp, Bremen, Bremen

ANILIN—1 cs, American Express Co, President Harding, Havre
50 cks, 1 dm, General Dyestuff Corp, Statendam, Rotterdam
25 cks, 8 dms, 1 cs, General Dyestuff Corp, Leerdam, Rotterdam
11 cks, 1 pkg, General Dyestuff Corp, New York, Hamburg
50 pkgs, Ciba Co, Washington, Havre
50 pkgs, Carbic Color & Chem Co, Washington, Havre
5 cks, Ciba Co, Bremen, Bremen
17 bbls, Geigy Co, Bremen, Bremen
16 dms, Sandoz Chem Works, Bremen, Bremen
1 cs, 15 cks, 2 dms, General Dyestuff Corp, Bremen, Bremen

DYEWOOD — Quantity, Jose R Gutierbez, Cauto, Tampico

CUTTED—50 bgs, Hoegh Transport, Trieste
46 bgs, Allaire, Woodward & Co, Hoegh Transport, Trieste

EGG YOLK—136 cs, D L Moss & Co, Hoegh Merchant, Shanghai
44 cs, D L Moss & Co, Kwansai, Shanghai

ETHYL CHLORIDE—11 cs, 1,487 lbs, A J Bracher & Co, Thule, Hamburg

FENUGREEK SEED—50 bgs, 11,000 lbs, S B Penick & Co, Exmouth, Casablanca

FERTILIZER NITRATE PHOSPHATE—500 bgs, Synthetic Nitrogen Product Co, Penniand, Antwerp

FILTER COMPOUND—100 bls, P H Petry & Co, Washington, Hamburg

PAPER—13 cs, President Harding, Hamburg
16 cs, H Reeve, Angel & Co, Britannic, London

PULP—20 cs, A Hurst & Co, New York, Hamburg

FLAXSEED — 6,490,600 kilos, 259,624 bus, Archer Daniels Midland Co, Rigel, Rosario

FLEASEED—30 bgs, 6,600 lbs, Kachurin Drug Co, Excalibur, Marseilles

GELATIN—20 cs, 3,515 lbs, Dingelstedt & Co, New York, Hamburg

GENTIAN ROOT—25 bgs, Barclay Bank, Ulua, Kingston

GINGER ROOT—50 bgs, Carinthia, Liverpool

GINGERINE—3 cs, Orbis Product Trading Co, Britannic, London

GLASS, PLATE—9 cs, Globe Shipping Co, President Harding, Hamburg
24 cs, Globe Shipping Co, Columbus, Bremen

WINDOW—28 cs, L Solomon & Son, Emile Francqui, Antwerp
15 cs, J Henry Schroeder Banking Corp, New York, Hamburg
15 cs, L Solomon & Son, Washington, Hamburg

GLAUBER'S SALT—25 bbls, Pfaltz & Bauer, Columbus, Bremen

GLUE—200 bgs, Kelsey Risden & Co, Britannic, London

GLUE, BONE—95 bgs, F Doherty & Co, President Harding, Hamburg
200 bgs, N L Lederer, President Harding, Hamburg

DRY—183 bgs, Dingelstedt & Co, President Harding, Hamburg
200 bgs, Dingelstedt & Co, Black Osprey, Rotterdam

MARINE—7 crates, L W Ferdinand & Co, American Banker, London

POWD—87 bgs, Penniand, Antwerp

GLYCERIN—40 dms, Britannic, London

GREASE, VEGETABLE—2 crts, Alfred Bokowsky, New York, Hamburg

WOOL—50 bbls, 10 tons, 9 cwt, 3 qts, 19 lbs, Hemmel Chem Co, Carinthia, Liverpool
76 dms, 100 bbls, 20 cwt, 13 lbs, Robinson, Wagner Co, Liverpool
11 dms, 1 ton, 21 cwt, 5 qts, 49 lbs, Carinthia, Liverpool

GUANO—5 bgs, W R Grace & Co, Santa Barbara, Iquique

GUM—10 bgs, Gallagher & Asher, Statendam, Rotterdam
100 bgs, Standard Chem Product Co, Penniand, Antwerp

ARABIC—50 bgs, France Campbell & Darling, Mahronda, Port Sudan
150 bgs, T M Duche & Sons, Mahronda, Port Sudan
400 bgs, S B Penick & Co, Mahronda, Port Sudan
150 bgs, Jacques Wolfe & Co, Mahronda, Port Sudan
350 bgs, Thurston & Braidich, Mahronda, Port Sudan

ASAFOETIDA—46 jottas, Silverbeech, Bombay

BENZOIN—1 cs, A Chiris Co, Excalibur, Marseilles
2 cs, J L Hopkins & Co, President Harrison, Bombay

CHICLE—389 bls, Mexican Exploitation Co, Canto, Tampico
2,106 bls, Mexican Exploitation Co, Orizaba, Vera Cruz

COPAL—100 bgs, Penniand, Antwerp, Antwerp
100 bgs, France Campbell & Darling, Emile Francqui, Antwerp
560 bgs, Stroock & Wittenberg, Emile Francqui, Antwerp
300 bgs, O G Innes Corp, Emile Francqui, Antwerp
36 bskts, Chase Natl Bank, Kota Inten, Macassar
62 bgs, Geo S Patterson & Co, Kota Inten, Macassar
486 bgs, O G Innes Corp, Kota Inten, Macassar
1 bg, H P Winter & Co, Kota Inten, Macassar
272 bskts, Kota Inten, Macassar
110 bskts, O G Innes Corp, Kota Inten, Macassar

DAMMAR—200 cs, Amagisan, Singapore
100 cs, Sina Java Hvg, Memphis City, Batavia
1 cs, Joosten & Janssen, Memphis City, Batavia
128 bgs, Kota Inten, Macassar
300 bgs, 100 cs, Kota Inten, Batavia
70 bgs, Geo S Patterson & Co, Kota Inten, Singapore
30 cs, Kota Inten, Padang

GUAIAC—7 cs, Schutte & Focke, San Juan, Azua

KARAYA—131 bgs, Innis Speiden & Co, Silverbeech, Bombay

TRAGACANTH—15 bgs, Frank Vliet Co, Britannic, London

GYPSUM—2 bgs, Columbia, Bremen

ROCK—2,300 tons, Atlantic Gypsum Prod Co, Evviva, Walton

HERBS MEDICINAL—10 bls, Penniand, Antwerp
103 bls, Peek & Velsor, Hoegh Transport, Trieste
1 bl, S B Penick & Co, Hoegh Transport, Trieste

HOPS—20 bls, R F Downing & Co, President Harding, Hamburg
25 bls, Globe Shipping Co, President Harding, Hamburg
42 bls, S S Steiner, President Harding, Hamburg
10 bls, Carplaka, Gdynia
4 bls, Globe Shipping Co, Columbus, Bremen
60 bls, Ludwig Baer, Black Osprey, Rotterdam
4 bls, P H Petry & Co, Emile Francqui, Antwerp
4 cs, A Gusmer, Emile Francqui, Antwerp
10 bls, Bode & Voigt, New York, Hamburg
7 bls, Globe Shipping Co, Washington, Hamburg
2 bls, Bing & Lust, Washington, Hamburg

INDIGO—14 cks, Geseral Dyestuff Corp, Leerdam, Rotterdam

INK, PRINTING—1 dm, National Carloading Corp, American Banker, London

IRON ORE—20 dms, 5 tons, 6 cwts, 1 qtr, 20 lbs, Reichard, Coulston, Carinthia, Liverpool

OXIDE—35 cks, C J Osborn & Co, President Harding, Havre
135 bgs, 45 cks, J Lee Smith & Co, Statendam, Rotterdam
140 cks, Reichard, Coulston, Statendam, Rotterdam
30 cks, 8 tons, 19 cwts, J A McNulty, Carinthia, Liverpool
20 cks, C J Osborn & Co, Washington, Bordeaux

SAND—48 bgs, Philipp Bros, New York, Hamburg

ISINGLASS—10 cs, C H Reisig, Carinthia, Liverpool

LAUREL LEAVES—287 bls, 17,200 lbs, Exminster, Piraeus
100 bls, Hoegh Transport, Trieste

LEAVES, MEDICINAL—17 bls, 2,813 lbs, Peek & Velsor, New York, Hamburg
11 bls, Peek & Velsor, Excalibur, Marseilles

LICORICE ROOT—80 bgs, 12,082 lbs, S B Penick & Co, Exmoor, Izmir

LIME JUICE—10 bhds, T A Hedley, Nerissa, Dominica

LITHOPONE—400 cks, Benj Moore & Co, Statendam, Rotterdam
3 cks, Hensel, Bruckmann & Lorbacher, Leerdam, Rotterdam

LOGWOOD EXTRACT—10 cks, American Dyewood Co, Haiti, Kingston

MACE—6 cs, John Clarke & Co, Nerissa, Grenada
15 cs, Knickerbocker Mills Co, Scanpenn, Grenada
5 cs, C T Wilson & Co, Scanpenn, Grenada

MAGNESIA, CALCINED—60 cks, 3 tons, 12 cwts, 2 qtrs, 15 lbs, Schofield, Donald Co, Carinthia, Liverpool

CARBONATE—1 cs, 100 bgs, 2 tons, 6 cwts, 23 lbs, Schofield, Donald Co, Carinthia, Liverpool

CHLORIDE—65 dms, Silverbeech, Bombay

STEARATE—3 cs, Yardley & Co, Britannic, London

MANGANESE ORE—1,000 pockets, E J Lavino, San Juan, Ponce
MANIOC FLOUR—2,083 bgs, Goldman, Sachs & Co, Benedict, Tutoya
MANNA—50 cs, Exmouth, Palermo
4 cs, J L Hopkins & Co, Alberta, Palermo
MEDICINAL PREPS—4 cs, Colombia American Corp, Haiti, Porto Colombia
25 cs, Black Osprey, Rotterdam
4 cs, Burroughs, Wellcome & Co, American Banker, London
21 cs, Italian Drug Import Co, Rex, Genoa
MENTHOL—25 cs, Bridges, Neumer & Co, Hoegh Merchant, Kobe
25 cs, Kachurin Drug Co, Hoegh Merchant, Kobe
25 cs, National City Bank, Kwansai, Kobe
MICA—2 cs, J H Faunor, American Banker, London
68 cs, Mahronda, Calcutta
BLOCK—23 cs, Mahronda, Calcutta
SPLITTINGS—102 cs, Gillespie, Rogers, Pyatt Co, Mahronda, Calcutta
303 cs, Mahronda, Calcutta
WASTE—1,867 bgs, Mahronda, Calcutta
MOLASSES—407,874 gls, American Molasses Co, Castana, Havana
80,137 gls, Toledo Natl Sugar Refg Co, Seatrain Havana, Havana
345 tons, W R Grace & Co, Santa Barbara, Supe
MYROBALANS—5,440 bgs, Hammond & Carpenter Corp, Silverbeech, Bombay
NAPHTHALENE—2,000 bgs, Charles Hardy, Carplaka, Gdynia
248 bgs, Calco Chem Co, Statendam, Rotterdam
NUTGALLS—500 bgs, Eastman Kodak Co, Hoegh Merchant, Hankow
NUTMEGS—150 bgs, Royal Bank of Canada, Nerissa, Granada
50 bgs, C T Wilson & Co, Scanpenn, Granada
261 bgs, H P Winter & Co, Kota Inten, Padang
NUX VOMICA—523 bgs, Hoegh Merchant, Kobe
OCHER—30 cks, Landers, Segal Color Co, Excalibur, Marseilles
100 cks, Grace Natl Bank, Excalibur, Marseilles
OIL, ALMOND—5 cs, Ungerer & Co, Britannic, London
4 dms, 20 cs, Dodge & Olcott Co, Excalibur, Marseilles
22 cs, W J Bush & Co, Excalibur, Marseilles
10 cs, Excalibur, Marseilles
BARBASSU—50 dms, Timley & Co, Washington, Hamburg
BAY—10 cs, Barclay Bank, Nerissa, Dominica
8 cs, Scanpenn, Roseau
CAMPHOR—25 dms, Dodge & Olcott Co, Kwansai, Kobe
10 dms, Bank of Manhattan, Kwansai, Yokohama
14 dms, Continental Bank Trust Co, Kwansai, Yokohama
2 dms, Kwansai, Yokohama
CHINAWOOD — 147 dms, Mitsui & Co, Amagisan, Hongkong
278 dms, East Asiatic Co, Hoegh Merchant, Shanghai
CITRONELLA—30 dms, Catz American Co, Memphis City, Batavia
60 dms, Stein, Hall & Co, Memphis City, Batavia
20 dms, Barclay Bank, Kota Inten, Batavia
20 dms, Guaranty Trust Co, Kota Inten, Batavia
CLOVERSEED—1 cs, Garrigues, Stewart & Davies, American Banker, London
COD—300 cks, 100 dms, National Oil Prod Co, Stavangerfjord, Aalesund
12 cks, Stavangerfjord, Bergen
200 dms, I R Boody & Co, Hoegh Merchant, Yokohama
CODLIVER—25 dms, Davis & Lawrence Co, Stavangerfjord, Aalesund
560 dms, Stavangerfjord, Bergen
133 dms, Stavangerfjord, Reykjavik
2,237 dms, C T Smith, President Harding, Hamburg
381 dms, J D Irwin & Co, President Harding, Hamburg
95 dms, President Harding, Hamburg
210 dms, Consumers Import Co, Hoegh Merchant, Yokohama
CORN—940 dms, Corn Product Refining Co, Collamer, Dunkirk
175 dms, Balfour, Guthrie & Co, Statendam, Rotterdam
522 dms, Pennland, Antwerp
50 dms, I R Boody & Co, Black Osprey, Rotterdam
38,482 kilos, Durkee Famous Foods, Black Osprey, Antwerp
53 dms, Emile Francqui, Antwerp
150 dms, American Banker, London
COTTONSEED—800,000 kilos, Exmoor, Alexandria
525 dms, Benedict, Cabedello
ESSENTIAL—2 cs, President Harding, Havre
15 cs, Statendam, Rotterdam
6 cs, Britannic, London
6 cs, New York, Hamburg
1 cs, Berengaria, Southampton
2 cs, Berengaria, Cherbourg
4 pkgs, Excalibur, Marseilles
16 cs, Washington, Havre
2 cs, Bremen, Bremen

H. A. GOGARTY, Inc.
23 YEARS OF SPECIALIZED SERVICE
EXPORTS
SHIPPING
CUSTOMS
BROKERS
15 MOORE ST., NEW YORK

OIL, EUCALYPTUS—3 dms, Ungerer & Co, Amagisan, Kobe
FUEL—99,000 bbls, Standard Oil Co of N J, Charles Pratt, Aruba
75,000 bbls, Standard Oil Co of N J, Niobe, Aruba
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
53,000 bbls, Anglo-Mexican Petroleum Corp, San Tiburcio, Tampico
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
79,000 bbls, Asiatic Petroleum Corp, Magdalia, Tampico
83,000 bbls, Standard Oil Co of N J, Thalia, Aruba
GERANIUM—2 dms, Geo Silver Import Co, Exmouth, Algiers
1 dm, A Chiris Co, Excalibur, Marseilles
GREASE — 50 dms, Robinson-Wagner Co, Hoegh Merchant, Kobe
LEMON—100 cs, Magnus, Mabee & Reynard, Exmouth, Catania
100 half cs, Dodge & Olcott Co, Exmouth, Messina
LIME—5 cs, Dodge & Olcott Co, Nerissa, Montserrat
LINSEED—4 cs, B F Drakenfeld & Co, Carinthia, Liverpool
LUBRICATING—120 dms, Emile Francqui, Antwerp
200 dms, Asiatic Petroleum Corp, New York, Hamburg
MINERAL—20 dms, New York, Hamburg
OITICICA—50 dms, Irving Trust Co, Benedict, Ceara
100 dms, Benedict, Ceara
OLIVE—10 dms, Dominion Silk Dyeing & Finishing Co, Exmouth, Algiers
15 cs, Exmouth, Palermo
490 cs, Excalibur, Leghorn
1,875 cs, Excalibur, Genoa
50 dms, Atlantic & Pacific Tea Co, Excalibur, Marseilles
115 cs, Washington, Havre
60 cs, Rex, Naples
ORANGE—18 dms, 9,277 lbs, New York, Hamburg
5 dms, Excalibur, Marseilles
PALM—477,344 kilos, Silverbeech, Belawan Deli
310 tons, Banque Belge pour l'Etranger, Nota Inten, Belawan
PALMAROSA—2 pots, Volkart Bros, Silverbeech, Bombay
PALMKERNEL—260 cs, American Banker, London
PEANUT—985 tons, Mitsubishi Shoji Kaisha, Taketoyo, Tsingtao
PERILLA—619 tons, National City Bank, Kwansai, Dairen
50 dms, J R Boody & Co, Amagisan, Nagoya
200 dms, J R Boody & Co, Hoegh Merchant, Yokohama
PETITGRAIN — 75 cs, Southern Prince, Buenos Aires
PIMENTO LEAF—2 cs, A N Leakway, Haiti, Kingston
3 dms, Fritzsche Bros, Britannic, London
RAPESEED—100 dms, W R Grace & Co, Hoegh Merchant, Nagoya
5 dms, Kwansai, Tokyo
RESIDUE—68 dms, President Harding, Hamburg
4 cs, J E Bernard & Co, New York, Hamburg
SOYBEAN—58 dms, Frey & Horgan, Statendam, Rotterdam
5 dms, Balfour, Guthrie & Co, Kwansai, Tokyo
STORAX—50 cs, Hoegh Transporter, Trieste
SUNFLOWER SEED—300 dms, Statendam, Rotterdam
52,984 kilos, J R Boody & Co, Black Osprey, Rotterdam
TEASEED—150 dms, Arnhold & Co, Kwansai, Shanghai
VETIVER—5 dms, Chase Natl Bank, Kota Inten, Batavia
YLANG YLANG—2 dms, Davies, Turner & Co, Excalibur, Marseilles
OPIUM—89 cs, Mallinckrodt Chem Works, Borinquen, Southampton
PAPAIN—15 cs, Central Hanover Bank Trust Co, Berengaria, Southampton
PAPRIKA—25 bgs, Hudson Tea & Spice Co, Hoegh Transport, Trieste
15 bgs, F Raphael & Son, Hoegh Transport, Trieste
PARAFFIN—800 bgs, Asiatic Petroleum Corp, Kota Inten, Bulik Papain
4,235 bgs, Standard Oil Co, Kota Inten, Palembang
PATCHOULI LEAVES—40 bls, Memphis City, Penang
PEATMOSS—2,000 bls, Premier Peatmoss Corp, Carplaka, Copenhagen
1,392 bls, Premier Peatmoss Corp, Kungsholm, Gothenburg
800 bls, Half Moon Mfg & Trading Co, Statendam, Rotterdam
1,420 bls, Leerdam, Rotterdam
2,250 bls, Columbus, Bremen
1,400 bls, Premier Peatmoss Corp, Gripsholm, Gothenburg
PEPPER, BLACK—486 bgs, Catz American Co, Memphis City, Batavia
6,743 bgs, Catz American Co, Memphis City, Oosthaven
675 bgs, Kota Inten, Oosthaven
WHITE—162 bgs, Catz American Co, Memphis City, Batavia
243 bgs, Kota Inten, Batavia
250 bgs, Kota Inten, Panjkal
85 bgs, Catz American Co, Kota Inten, Kota Baroe
PETROLEUM, CRUDE—110,946 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
73,335 bbls, Warner Quinlan Co, Pat Doheny, Las Piedras
74,456 bbls, Barber Asphalt Co, Atlas, Curacao
PIMENTO—200 bgs, Black Diamond Seed Co, Haiti, Kingston
POPPYSEED—200 bgs, Bunge North American Grain Co, Statendam, Rotterdam
351 bgs, C M Van Sillevoldt, Statendam, Rotterdam
100 bgs, R L Friedler, Statendam, Rotterdam
17 bgs, J Loewith, Batory, Gdynia
100 bgs, J Loewith, Washington, Hamburg
150 bgs, Levy & Levis Co, Washington, Hamburg
POTASH, CARBONATE—23 cks, 23,870 lbs, New York, Hamburg
CAUSTIC—129 dms, 68,758 lbs, H A Gogarty, New York, Hamburg

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N.J.

POTASH, CAUSTIC—171 dms, American Cyanamid & Chem Co, New York, Hamburg
CHLORATE—100 bbls, 12,680 lbs, International Selling Corp, Collamer, Havre
1,150 cks, 284,119 lbs, Uniform Chem Prod Co, New York, Hamburg
METABISULPHITE — 40 kegs, 4,881 lbs, Culver Export Co, President Harding, Hamburg
MURIATE—400 bgs, N V Potash Export My, Emile Francqui, Antwerp
PERCHLORATE—50 bbls, 12,192 lbs, International Selling Corp, Collamer, Havre
PERMANGANATE—100 dms, 12,034 lbs, New York, Hamburg
SULPHATE—30 bbls, N V Potash Export My, Thule, Hamburg
200 bgs, N V Potash Export My, President Harding, Hamburg
POTASH-MAGNESIA SULPHATE—200 bgs, N V Potash Export My, President Harding, Hamburg
PYRETHRUM FLOWERS—75 bls, Kachurin Drug Co, Hoegh Merchant, Kobe
125 bls, S B Penick & Co, Hoegh Merchant, Kobe
QUASSIA CHIPS—80 bgs, J L Hopkins & Co, Haiti, Kingston
QUEBRACHO EXTRACT—4,200 bgs, International Product Corp, Southern Prince, Buenos Aires
1,153 bgs, Tannin Corp, Southern Prince, Buenos Aires
QUICKSILVER—60 flasks, Chase Natl Bank, Cauto, Tampico
50 flasks, Chase Natl Bank, Orizaba, Vera Cruz
RAPESEED—453 bgs, Silverbeech, Karachi
264 bgs, J Loewith, Batory, Gdynia
RESIN, ART—3 cs, New York, Hamburg
RHUBARB—24 cs, S B Penick & Co, Hoegh Merchant, Shanghai
RICE FLOUR—100 bgs, Half Moon Mfg & Trading Co, Statendam, Rotterdam
ROOT, MEDICINAL—8 bls, 882 lbs, E C Diez Drug Co, President Harding, Hamburg
6 bls, 1,146 lbs, R D Hines, President Harding, Hamburg
12 bls, 2,204 lbs, S B Penick & Co, President Harding, Hamburg
11 bgs, 1,210 lbs, Peek & Velsor, New York, Hamburg
4 bls, 1,100 lbs, American Express Co, New York, Hamburg
36 bls, Murray Nickells Mfg Co, Hoegh Transport, Trieste
52 bls, S B Penick & Co, Hoegh Transport, Trieste
ROTTENSTONE—3 cs, 6 cwts, 2 qtrs, 22 lbs, J H Rhodes & Co, Carinthia, Liverpool
SAGO FLOUR—1,600 bgs, Amagisan, Singapore
3,200 bgs, Kota Inten, Singapore
SAPONIN—8 cs, 1,104 lbs, Stauffer Chem Co, New York, Hamburg
SARSAPARILLA ROOT—17 bls, Cauto, Tampico
12 bls, Rosing Bros, Ancon, Cristobal
7 bls, S B Penick & Co, Orizaba, Vera Cruz
SESAME SEED—120 bgs, Bingham & Co, Hoegh Merchant, Shanghai
SHELLAC—10 cs, A Hurst & Co, Statendam, Rotterdam
50 cs, 75 bgs, Wm Zinsser & Co, Mahronda, Calcutta
400 bgs, E E Androvette, Mahronda, Calcutta
400 bgs, Argenti & Co, Mahronda, Calcutta
50 cs, National City Bank, Mahronda, Calcutta
200 bgs, Brown Bros Harriman Co, Mahronda, Calcutta
100 bgs, Chase Natl Bank, Mahronda, Calcutta
125 bgs, Philadelphia Natl Bank, Mahronda, Calcutta
640 bgs, Guaranty Trust Co, Mahronda, Calcutta
200 bgs, Carleton & Moffatt, Mahronda, Calcutta
100 cs, Mahronda, Calcutta
BUTTON LAC—50 bgs, National City Bank, Mahronda, Calcutta
125 bgs, Guaranty Trust Co, Mahronda, Calcutta
26 cs, Wm Zinsser & Co, Mahronda, Calcutta
GARNET LAC—25 bgs, Carleton & Moffatt, Mahronda, Calcutta
SEEDLAC—200 bgs, Wm Zinsser & Co, Mahronda, Calcutta
200 bgs, E E Androvette, Mahronda, Calcutta
400 bgs, Argenti & Co, Mahronda, Calcutta
600 bgs, Carleton & Moffatt, Mahronda, Calcutta
600 bgs, Brown Bros Harriman Co, Mahronda, Calcutta
100 bgs, Mahronda, Calcutta
SIENNA—1,420 bbls, 6,545 lbs, C B Chrystal & Co, Exmouth, Leghorn
50 cks, 27,262 lbs, Reichard, Coulston, Exmouth, Leghorn
115 cks, 70,175 lbs, J Lee Smith & Co, Exmouth, Leghorn
20 bbls, 8,580 lbs, Whittaker, Clark & Daniels, Excalibur, Leghorn
25 cks, 15,620 lbs, J H Furman, Excalibur, Leghorn
250 bgs, 55,880 lbs, Reichard, Coulston, Excalibur, Leghorn
200 cs, J P Smith & Co, Excalibur, Marseilles
SILICON CARBIDE—45 cks, D C Andrews & Co, Stavangerfjord, Oslo
SMALTS—4 bbls, J H Rhodes & Co, Washington, Hamburg
SOAP—5 cs, Westergaard, Berg, Johnsen Co, Stavengerfjord, Oslo
23 cs, Exminster, Piraeus
1 cs, Yardley & Co, Britannic, London
14 cs, New York, Hamburg
50 cs, R H Macy & Co, Hoegh Transport, Trieste
800 cs, 10 cyls, Conte Prod Co, Excalibur, Leghorn
MILLING—50 cs, Yardley & Co, Britannic, London
SADDLE—80 cs, Salomon & Philipps, Britannic, London
SHAVING BASE—60 cs, Yardley & Co, Britannic, London
SODA, CARBONATE—2 cs, Burroughs, Wellcome & Co, American Banker, London
CYANIDE—500 dms, American Cyanamid & Chem Co, Statendam, Rotterdam
2 dms, Mitsui & Co, Kwansai, Kobe
HYDROSULPHITE—25 dms, 5,940 lbs, New York, Hamburg
PHOSPHATE—20 dms, 2,838 lbs, A A Lehman Co, Black Osprey, Rotterdam
SILICOFLUORIDE—100 bgs, Harshaw Chem Co, New York, Hamburg
40 bbls, Innis, Speiden & Co, New York, Hamburg
SPONGES—26 bls, J H Rhodes & Co, Columbus, Bremen
25 bls, J E Bernard & Co, Orizaba, Havana
5 bls, Orizaba, Havana
1 bl, J H Rhodes & Co, American Banker, London
19 bls, Phoenix Shipping Co, Munargo, Nassau
5 bls, American Sponge & Chamois Co, Munargo, Nassau
20 bls, Schroeder & Tremayne, Munargo, Nassau
10 bls, Munargo, Nassau
REFUSE—12 bls, J E Bernard & Co, Orizaba, Havana
10 bls, Orizaba, Havana
27 bls, Phoenix Shipping Co, Munargo, Nassau

SPONGES, REFUSE—15 bls, Schroeder & Tremayne, Munargo, Nassau
24 bls, Munargo, Nassau
STARCH, RICE—35 bbls, Habicht, Braun & Co, Columbus, Bremen
25 bbls, African Metal Corp, Emile Francqui, Antwerp
SUGAR MILK—20 cs, 5,354 lbs, New York, Hamburg
TALC—1 bg, G A Wharry & Co, Stavangerfjord, Oslo
500 bgs, Mitsubishi Shoji Kaisha, Hoegh Merchant, Kobe
200 bgs, Hammill & Gillespie, Excalibur, Marseilles
380 bgs, National City Bank, Kwansai, Kobe
TAMARINDS—15 bbls, 8 half bbls, Nerissa, Antigua
TAPIOCA FLAKES—270 bgs, Catz American Co, Memphis City, Batavia
1,334 bgs, Stein, Hall & Co, Kota Inten, Sourabaya
FLOUR—511 bgs A D Welds Son, Memphis City, Pasoeroean
511 bgs, Bank of New York Trust Co, Memphis City, Pasoeroean
500 bgs, Rutger Bleecker & Co, Memphis City, Cheribon
721 bgs, Stein, Hall & Co, Memphis City, Cheribon
1,070 bgs, Balfour Guthrie & Co, Memphis City, Pamanoekan
500 bgs, Rutger Bleecker & Co, Memphis City, Batavia
726 bgs, Philadelphia Natl Bank, Memphis City, Sourabaya
255 bgs, Catz American Co, Memphis City, Batavia
500 bgs, Stein, Hall & Co, Memphis City, Cheribon
250 bgs, H P Winter & Co, Kota Inten, Cheribon
493 bgs, Guaranty Trust Co, Kota Inten, Sourabaya
500 bgs, National Adhesive Corp, Kota Inten, Cheribon
548 bgs, Kota Inten, Tegal
250 bgs, Bank of Manhattan, Kota Inten, Cheribon
PEARL—115 bgs, Catz American Co, Memphis City, Batavia
508 bgs, Stein, Hall & Co, Kota Inten, Sourabaya
SEED—65 bgs, Catz American Co, Memphis City, Batavia
TARTAR—100 bgs, Charles Pfizer & Co, Exmouth, Catania
232 bgs, Exmouth, Naples
400 bgs, Charles Pfizer & Co, Exmouth, Messina
TIMBO POWDER—238 cs, Benedict, Timbo
ROOT—126 bls, Benedict, Itacoatiara
12 bls, A Krukoff, Benedict, Itacoatiara
TITANIUM ORE—2,000 tons, Titanium Pigment Co, Vigsues, Rekefjord
2,000 tons, Titanium Pigment Co, Iristo, Rekefjord
TOLU BALSAM—25 cs, Wessel Duval & Co, Ulua, Porto Colombia
TONKA BEANS—50 pipes, 50 cks, Nerissa, Trinidad
TUNGSTEN, POWD—21 dms, 2 tons, 8 cwts, 3 qtrs, 25 lbs, C Tennent Sons & Co, Carinthia, Liverpool
UMBER—80 bgs, 1 ton, 17 cwts, 16 lbs, Whittaker, Clark & Daniels, Carinthia, Liverpool
BURNT—40 cks, T H Deutz, Mahronda, Port Said
UREA—876 bgs, Synthetic Nitrogen Product Co, Pennland, Antwerp
VALONEA EXTRACT—314 bgs, 49,106 lbs, International Product Corp, Exminster, Piraeus
VANILLA BEANS—24 cs, Rene Moelhausen, Nerissa Guadeloupe
32 cs, Thurston & Braidich, Nerissa, Guadeloupe
10 cs, Irving Trust Co, Scanpenn, Martinique
4 cs, McCormick & Co, Orizaba, Vera Cruz
16 cs, Guaranty Trust Co, Excalibur, Marseilles
21 cs, Integrity Co, Excalibur, Marseilles
27 cs, Dammann & Smeltzer, Excalibur, Vera Cruz
84 cs, Tradesmen Natl Bank Trust Co, Excalibur, Marseilles
47 cs, P H Petry & Co, Excalibur, Marseilles
CUTS—15 cs, Dodge & Olcott Co, Orizaba, Vera Cruz
VETIVER ROOT—6 bls, Kota Inten, Batavia
VIOLET MINERALS—4 cks, E I du Pont de Nemours Co, Statendam, Rotterdam
WATER, MINERAL—105 cs, French Vichy Co, President Harding, Havre
175 cs, D F Young, Britannic, London
WAX, BEES—25 bgs, D Steengrafe, Platano, Santiago
47 bgs, D A Zorrilla, Cauto, Tampico
137 bgs, W R Grace & Co, Santa Barbara, Coquimbo
11 bgs, Schutte & Focke, San Juan, Azua
19 bgs, Schutte & Focke, San Juan, Barahona
9 bgs, Orizaba, Vera Cruz
120 bgs, Strohmeyer & Arpe Co, Southern Prince, Santos
100 bgs, Southern Prince, Santos
CANDELILLA—189 bgs, D A Zorrilla, Cauto, Tampico
257 bgs, W Argueso & Co, Cauto, Tampico
29 bgs, Cauto, Tampico
CARNAUBA—22 bgs, Philadelphia Nat Bank, Benedict, Ceara
264 bgs, American Cyanamid & Chem Co, Benedict, Ceara
112 bgs, Strahl & Pitsch, Benedict, Ceara
56 bgs, Innis, Speiden & Co, Benedict, Ceara
56 bgs, Bank of London South America, Benedict, Ceara
1 bg, Schwab Bros Corp, Benedict, Ceara
112 bgs, Innis, Speiden & Co, Benedict, Canocim
167 bgs, Benedict, Ceara
MINERAL—30 bgs, General Dyestuff Corp, Leerdam, Rotterdam
10 cs, New York, Hamburg
MONTAN—340 bgs, Innis, Speiden & Co, President Harding, Hamburg
375 bgs, Strohmeyer & Arpe Co, New York, Hamburg
5 bgs, Heemsoth, Pinckes & Kerner, New York, Hamburg
OZOKERITE—75 bgs, 6,424 lbs, R W Dick, President Harding, Hamburg
27 bgs, Heemsoth, Pinckes & Kerner, New York, Hamburg
SPERMACETI—100 cs, Tuscania, Glasgow
VEGETABLE—100 cs, American Cyanamid & Chem Co, Amagisan, Kobe
100 cs, Innis, Speiden & Co, Amagisan, Kobe
70 bgs, A Hurst & Co, American Banker, London
100 cs, McKesson & Robbins, Kwansai, Kobe
WHITING—1,000 lbs, Emile Francqui, Antwerp
WOODFLOUR—300 bgs, B L Soberski, Stavangerfjord, Oslo
300 bgs, Burnet & Co, Stavangerfjord, Oslo
5 bgs, G A Wharry & Co, Stavangerfjord, Oslo
300 bgs, Burnet & Co, Statendam, Rotterdam
ZINC OXIDE— 30 cks, 1 ton, 19 cwt, 1 qtr, 14 lbs, Reichard Coulston, Carinthia, Liverpool
80 cks, 5 tons, 15 cwt, 2 qtrs, 24 lbs, New York Quinine & Chem Works, Carinthia, Liverpool

ZINC OXIDE—70 bbls, Innis, Speiden & Co, Emile Francqui, Antwerp
100 bbls, 26,840 lbs, American Cyanamid & Chem Co, Excalibur, Marseilles
RESINATE—10 bbls, H Firman, American Banker, London

New York Transit Imports

AGAR AGAR—125 bls, Parke, Davis & Co, Kwansai, Yokohama, Detroit
BRISTLES—50 cs, Industrial Trust Co, Kwansai, Shanghai, Providence
FILTER PAPER—1 cs, Universal Carloading & Distr Co, American Banker, London, Detroit
MAGNESIA OXIDE—6 dms, 6 cwt, 3 qtrs, 24 lbs, Carborundum Co, Carinthia, Liverpool, Niagara Falls
OIL, CODLIVER—250 dms, Gunning & Gunning, Stavangerfjord, Oslo, Duluth
10 dms, Stavangerfjord, Bergen, Cincinnati
50 dms, Farley Feed Co, Stavangerfjord, Bergen, Jamesville
PEANUT—600,227 kilos, Armour & Co, Leerdam, Rotterdam, Chicago
PERILLA — quantity, Spencer Kellogg & Sons, Hoegh Merchant, Dairen, Buffalo
300 dms, W G Smith Co, Hoegh Merchant, Nagoya, Cleveland
223 tons, W G Smith Co, Kwansai, Dairen, Cleveland
SPONGES—8 bls, Orizaba, Vera Cruz, Havre
25 bls, Orizaba, Vera Cruz, Paris
20 bls, Munargo, Nassau, Havre
10 bls, Munargo, Nassau, London
14 bls, Munargo, Nassau, Rotterdam
23 bls, Munargo, Nasau, Amsterdam
REFUSE—3 bls, Munargo, Nassau, Rotterdam
5 bls, Munargo, Nassau, Amsterdam

Baltimore Imports

ALUMINUM OXIDE—6 cs, City of Havre, Havre
ALUMINUM POWDER—3 cs, Oroline Products Co, City of Havre, Hamburg
AMMONIA, SULPHATE—300 bgs, Blommersdijk, Rotterdam
BRONZE POWDER—5 cs, Oroline Products Co, City of Havre, Hamburg
CALCIUM SILICIDE—584 bbls, Electro Metallurgical Co, Toronto, Saude
CHEMICALS—25 bbls, Blommersdijk, Rotterdam
34 cks, City of Havre, Hamburg
CHROME ORE—2,973 tons, Philadelphia National Bank, Sagadahoc, Lourenco Marques
4,500 tons, Baron Tweedmouth, Fethiye
CODLIVER MEAL—1,675 half bgs, Toronto, Bergen
COCOA MEAL—630 bgs. Blommersdijk. Rotterdam
FERROMANGANESE—500 tons, Frank Samuel & Co, Toronto, Porsgrund
899 tons, Electro Metallurgical Co, Toronto, Sauda
FERTILIZER, NITRATE PHOSPHATE—400 bgs, Synthetic Nitrogen Product Co, Blommersdijk, Rotterdam
NITROGENOUS—3,000 bgs, Blommersdijk, Rotterdam
IRON ORE—6,841 tons, Leonard J Buck, Murfjek, Narvik
9,490 tons, Leonard J Buck, Nuolja, Narvik
21,900 tons, Bethlehem Steel Co, Lebore, Cruz Grande
11,500 tons, Bethlehem Steel Co, Santore, Felton
OXIDE—40 bgs, E M & F Waldo, Quaker City, Liverpool
5 cks, Blommersdijk, Rotterdam
MOLASSES—1,363,003 gls, Cuba Distilling Co, J J Coney, Nuevitas
MANGANESE ORE—2,000 tons, Order, Steel Age, Calcutta
OIL, CODLIVER—15 dms, City of Havre, Hamburg
FUEL—98,000 bbls, Standard Oil Co. N J, H H Rogers, Aruba
LUBRICATING—80 dms, City of Havre, Hamburg
PEATMOSS—1,047 bls, City of Havre, Hamburg
20 half bls, City of Havre, Hamburg
1,240 bls, City of Havre, Hamburg
PETROLEUM, CRUDE—86,491 bbls, Standard Oil Co. of N J, R G Stewart, Caripito
STARCH, POTATO—100 bgs, Blommersdijk, Rotterdam
SAND, FURNACE—400 bgs, The Alpha Lux Co, Blommersdijk, Rotterdam
TALC—300 bgs, Peter Maersk, Kobe
WATER, MINERAL—500 cs, Order, City of Havre, Hamburg

Boston Imports

BARYTES—400 dbl bgs, Anhalt, Bremen
560 bgs, President Harrison, Genoa
BONES, GLUE—148,109 lbs, Swift & Co, Collingsworth, Montevideo
851,852 lbs, Consolidated Chem Industries, Inc, Collingsworth, Buenos Aires
GRANULATED—2,009 bgs, 222,513 lbs, Collingsworth, Buenos Aires
CAROB FLOUR—10 cs, President Harrison, Marseilles
CASEIN—14 sks, 1 ton, 1 cwt, 2 qtrs, 14 lbs, Canadian Planter, Auckland
417 bgs, 55,144 lbs, Collingsworth, Buenos Aires
65 bgs, Canadian Planter, Auckland (for Montreal)
CHALK — 5,200 tons, New England Whiting Co, Dulwich, London
CHEMICALS—20 cks, 57 bbls, 80 dms, Irving M Sobin Co, Anhalt, Hamburg
34 cks, 100 bgs, F A Kertess, Anhalt, Hamburg
40 bbls, Hummel Chemical Co, Anhalt, Hamburg
COALTAR DISTILLATE—10 dms, 2 tons, 9 cwt, 3 qtrs, 6 lbs, Monsanto Chemical Co, Scythia, Liverpool
DYE, ALIZARIN DERIVATIVE—5 cks, 1 ton, 3 cwt, 3 qtrs, 25 lbs, E I du Pont de Nemours & Co, Scythia, Liverpool
EMERY FILLET—1 cs, Atkinson, Haserick & Co, Scythia, Liverpool
4 cs, Joseph Sykes Bros, Carinthia, Liverpool
1 cs, Nicholson & Co, American Banker, London
FERTILIZER—681 bgs, Anhalt, Bremen
CHEMICAL MANURE—40 cs, T D Downing Co, American Banker, London
PHOSPHATE—227 bgs, Synthetic Nitrogen Product Co, Anhalt, Hamburg
FULLER'S EARTH — 2 cs, Lever Bros Co, American Banker, London
GINGER—2 cs, Sun Lee Chong Co, President Harrison, Hongkong
GLUE, HIDE, GR'D — 200 dbl bgs, Anhalt, Bremen
GLUESTOCK, FISH SCRAP—10 bxs, J A Rich Co, Yarmouth, Yarmouth
4 bbls, International Glue Co, Newfoundland, Halifax
200 bgs, Rogers Isinglass & Glue Co, Yarmouth, Yarmouth
HIDE CLIPPINGS—245 bgs, E Butterworth & Co, Newfoundland, Liverpool
GREASE—2 cans, Anhalt, Bremen
WOOL—12 dms, Canadian Planter, Sydney (for Montreal)
GUM, ARABIC—200 bgs, 44,974 lbs, Mahronda, Port Sudan (for Detroit)
20 bgs, 4,497 lbs, Parke Davis & Co, Mahronda, Port Sudan (for Detroit)
KAURI—15 cs, Manufacturers Trust Co, Canadian Planter, Auckland (for Montreal)
12 sks, Canadian Planter, Auckland (for Montreal)
HERBS, DRY—1 cs, Sun Lee Chong Co, President Harrison, Hongkong
INSECTICIDE— 1 cs, American Express Co, Scythia, Liverpool
IRON OXIDE—100 bgs, Stone & Downer, Newfoundland, Liverpool
10 cks, Joseph A McNulty, Newfoundland, Liverpool
LIME JUICE—10 hgshds, Lady Hawkins, Dominica
MEAT MEAL—1,241 bgs, 110,256 lbs, H J Baker & Bros, Collingsworth, Buenos Aires
MEDICINAL PREPS—1 bskt, 3 cs, Sun Lee Chong Co, President Harrison, Hongkong
MOSS, DRIED—1 cs, Tung Hing Lung, President Harrison, Hongkong
MYROBALANS——1,000 bgs, Mahronda, Calcutta
NUTMEGS—50 bgs, Lady Hawkins, Grenada
OCHER—17 cks, 11,332 lbs, Stone & Downer, Excalibur, Marseilles
72 cks, 44,154 lbs, Excalibur, Marseilles
OIL, COD—10 dms, Tuscania, Glasgow
CODLIVER—6 dms, Marden Wild Corp, Newfoundland, St Johns, N F
1 dm, Newfoundland, St Johns, N F
EUCALYPTUS—1 dm, 60 cs, Canadian Planter, Victoria
FUEL—17,400 bbls, Colonial Beacon Oil Co, W H Libby, Aruba
LUBRICATING—5 dms, American Banker, London
OLIVE—125 cs, S S Pierce Co, President Harrison, Genoa
100 cs, S S Pierce Co, President Harrison, Marseilles
PEANUT—20 cs, Sun Lee Chong Co, President Harrison, Hongkong
15 cs, Tung Hing Lung, President Harrison, Hongkong
SESAME—1 cs, Sun Lee Chong Co, President Harrison, Hongkong
SPERM—40 dms, Tuscania, Glasgow
PEATMOSS—200 bls, Anhalt, Bremen
500 bls, Louis E Page, Anhalt, Bremen
700 bls, Anhalt, Bremen
PETROLEUM, CRUDE—48,000 bbls, 2,000,016 gls, Standard Oil Co, Maturines, Caripito
62,050 bbls, 9,309 tons, Colonial Beacon Oil Co, W H Libby, Las Piedras
PIGMENT, BLUE—2 cs, 2 cwts, 14 lbs, D C Andrews Co, Scythia, Liverpool
POTASH, CHLORATE—200 cks, Bank of Manhattan Co, Anhalt, Hamburg
QUEBRACHO EXTRACT—6,465 bgs, 694,576 lbs, Tannin Corpn, Collingsworth, Buenos Aires
SALTPETER—454 bgs, Anhalt, Hamburg
SEA GRASS—2 bdls, Tung Hing Lung, President Harrison, Hongkong
SHELLAC—18 cs, J Henry Schroeder Banking Corp, Anhalt, Hamburg
50 bgs, Mahronda, Calcutta
GARNETLAC—50 bgs, Bank of the Manhattan, Mahronda, Calcutta
25 bgs, Mahronda, Calcutta
LEMON—20 bgs, Bank of London & South America, Mahronda, Calcutta
SEEDLAC—100 bgs, Guaranty Trust Co, Mahronda, Calcutta
SOAP, TOILET—1 cs, Lever Bros. Co, Newfoundland, Liverpool
1 cs, Lever Bros. Co, American Banker, London
4 cs, American Express Co, American Banker, London
SODA, HYDROSULPHATE—50 kgs, 2 tons, 16 cwts, 2 qtrs, 22 lbs, Phillip Bros. Inc, Carinthia, Liverpool
50 kgs, Phillip Bros, Newfoundland, Liverpool
SILICATE—50 dms, C H Powell Co, Newfoundland, Liverpool
STARCH—10 cs, Sun Lee Chong Co, President Harrison, Hongkong
TAPIOCA FLOUR—535 bgs, Balfour, Guthrie Co, Memphis City, Pamanoekan
527 bgs, from Dutch East Indies
WATER, AERATED—32 cs, Carinthia, Liverpool

Galveston Imports

LEAD, WHITE—10 pkgs, El Mundo, New York

Gulfport Imports

SALTCAKE—497 tons, Yaka, Hamburg

Houston Imports

AERATED WATER — 25 cs, West Quechee, Manchester
ASPHALT—200 bgs, Margaret Lykes, Havana
HOPS—10 bls, El Oriente, New York
OIL, FUEL—3,008,766 gls, Elisha Walker, Minatilan
PEATMOSS—1,000 bls, West Hobomac, Hamburg
200 bls, West Hobomac, Bremerhaven
SODA CHLORATE POWD—4,041 dms, West Hobomac, Hamburg

Los Angeles Imports

AGAR AGAR—5 bls, 100 lbs, Kwansai, Kobe
AMMONIA COMPOUNDS—10 cks, 4,410 lbs, Loch Katrine, Rotterdam
PHOSPHATE—2,600 bgs, 262,080 lbs, Rosebank, Trail
SULPHATE—1,300 bgs, 131,040 lbs, Rosebank, Trail
BALSAM—5 pkgs, 790 lbs, Chipana, San Salvador
BLEACHING POWDER—125 dms, 19,290 lbs, Schwaben, Frankfort
BRISTLES—1 pkg, 120 lbs, Loch Katrine, London
CANARY SEED—317 bgs, 43,420 lbs, West Camargo, Buenos Aires
CHALK, CRUDE — 371,840 lbs, Wisconsin, Antwerp
CHEMICAL COMPOUNDS — 22 cs, 930 lbs, Tatsuta, Yokohama
2 cs, 120 lbs, Amagisan, Yokohama
10 cs, 540 lbs, Bokuyo, Japan
4 cs, 170 lbs, Uyo, Yokohama
35 dms, 23,690 lbs, Loch Katrine, Frankfort
CHINA CLAY — 100 bgs, 22,620 lbs, Loch Katrine, Plymouth
CLAY, BALL — 214,700 lbs, Loch Katrine, Plymouth
140 bgs, 34,720 lbs, Loch Katrine, Plymouth
COPRA—1,344,000 lbs, Pleasantville, Philippine Islands
MEAL—784,000 lbs, Pleasantville, Manila
1,120,000 lbs, Silverpalm, Manila
CORIANDER SEED — 344 bgs, 29,240 lbs, President Polk, Bombay
GLASS, SHEET—13 cs, 5,800 lbs, Benj Franklin, Brussels
5 cs, 2,380 lbs, Benj Franklin, Charleroi
WINDOW—3 cs, 8,500 lbs, Benj Franklin, Brussels
GYPSUM ROCK — 4,040,000 lbs, Griffo, San Marcos Island
IRON, SAND—480 bgs, 48,000 lbs, Pacific Pioneer, New Castle
LIME—500 bgs, 30,250 lbs, Rosebank, Vancouver
MANGANESE ORE—639,270 lbs, from Takeradi
MINERAL ORE—3 bgs, 250 lbs, Silverpalm, Johannesburg
NUTMEGS—10 bgs, 2,000 lbs, West Camargo, Grenada
OIL, CITRONELLA—5 dms, 1,910 lbs, Tatsuta, Colombo
CODLIVER—3 pkgs, 540 lbs, Benj Franklin, Bergen
EUCALYPTUS—1 dm, 80 lbs, Monterey, Melbourne
830 lbs, Mariposa, Sydney
2,160 lbs, Mariposa, Melbourne
OLIVE—145 dms, 62,400 lbs, Rialto, Malaga
PEANUT—40,000 lbs, Kwansai, Shanghai
PERILLA—299,450 lbs, Tatsuta, Kobe
PEPPER, BLACK—85 bgs, 11,570 lbs, Silverpalm, Sourabaya
23,200 lbs, Silverpalm, Talok
PIMENTO—25 pkgs, 3,750 lbs, Loch Katrine, Kingston
PYRETHRUM FLOWERS—6 bls, 2,690 lbs, Kinuga, Kobe
SALTPETER—300,160 lbs, Condor, Iquique
SILVERSAND—604,800 lbs, Wisconsin, Antwerp
SOAP, SADDLE—2 cs, 260 lbs, Loch Katrine, London
TOILET—10 lbs, Noto, Yokohama
WAX, VEGETABLE—5 cs, 620 lbs, Bokyuo, Kobe

Mobile Imports

AMMONIA SULPHATE—250 tons, Yaka, Sluiskill
BAUXITE ORE—2,500 tons, Kirsten Maersk, Paramaribo
MANGANESE ORE—5,500 tons, North Cornwall, Santiago
PEATMOSS—300 bls, Yaka, Bremen
SALTCAKE—407,620 kilos, Afoundria, Antwerp
908,000 kilos, Yaka, Bremen

New Orleans Imports

BAUXITE ORE—2,385 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
CARBON—50 sks, Monsanto Chem Co, Syros, Rotterdam
CHEMICALS — 90 dms, Advance Solvents & Chem Corp, Tortugas, Porsgrund
305 dms, 15 cks, Advance Solvents & Chem Corp, Syros, Rotterdam
84 cks, Syros, Rotterdam
COCOANUTS — 100 sks, J Blake, Jr, Port Antonio, Belize
100 sks, J Meyer, Lindvangen, Kingston
400 sks, L LeBon, Lindvangen, Kingston
FERROMANGANESE—200 tons, Philadelphia Natl Bank, Tortugas, Porsgrund
INSECTICIDE—10 dms, J Armstrong, Tivives, Cristobal
MOLASSES — 750,284 gls, Baragua Sugar Estates, Watertown, Jucaro
1,003,381 gls, Commercial Molasses Corp, Watertown, Cienfuegos
OIL, LINSEED—50 dms, Syros, Rotterdam
OLIVE—155 dms, 50 cs, Carlton, Seville
PAINT—44 cs, Steelcote Mfg Co, Atlantida, Cristobal
PEPPER—450 sks, Tanimbar, Oosthaven
QUASSIA CHIPS—1,575 sks, Lusk Shipping Co, Lindvangen, Kifigsion
SALTCAKE—999,905 kilos, Bank of Manhattan, Nevada, Antwerp

Norfolk Imports

CALCIUM NITRATE—6,034 bgs, Synthetic Nitrogen Product Corp, Sorpen, Porsgrund
CHEMICALS—254 cks, 53 tons, City of Norfolk, Hamburg
TAPIOCA FLOUR—368 bgs, Philadelphia Natl Bank, Tonimbar, Sourabaya
1,078 bgs, National City Bank of N Y, Tonimbar, Sourabaya

Philadelphia Imports

ACID, CRESYLIC—53 dms, Manchester Exporter, Manchester
LINSEED OIL—60 dms, Loos & Dilworth, Black Heron, Antwerp
75 dms, Half Moon Mfg & Trading Co, Edam, Rotterdam
AMMONIA, SULPHATE—1,000 bgs, Bradley & Baker, Edam, Rotterdam
AMMONIAC SAL—60 cks, Harshaw Chemical Co, Black Heron, Antwerp
ARSENIC, RED POWD—50 dms, American Cyanamid & Chemical Co, Black Heron, Antwerp
BAUXIDE, CRUDE—1,358 tons, Aluminum Union, Ltd, Julianne I, Georgetown Dem (Claymont, Del)
1,357 tons, Aluminum Union, Ltd, Julianne I, Georgetown Dem (Philadelphia, Pa)
BRAKE FLUID—1 cs, New Orleans, Madras
CALCIUM, SILICIDE—102 bbls, Philadelphia Natl Bank, Independence Hall, Havre
CANARY SEED—1,725 bgs, Argentino, Buenos Aires
CARAWAY SEED—50 bgs, Black Heron, Rotterdam
CASEIN—287 bgs, National City, Independence Hall, Bordeaux
200 bgs, American British Chemical Supplies, Independence Hall, Bordeaux
133 bgs, American British Chemical Supplies, Black Heron, Antwerp
213 bgs, J Henry Schroeder Banking Corp, Black Heron, Antwerp
CEMENT, NITRO CELLULOSE—1 cs, E I DuPont de Nemours Co, Artigas, London
CHEMICALS—1,701 dms, J W Hampton, Jr, & Co, Black Heron, Antwerp
40 bbls, Philip Bauer & Co, Black Heron, Rotterdam
40 dms, Harshaw Chemical Co, Black Heron, Rotterdam
200 dms, John A Steer & Co, Edam, Rotterdam
COCOA BEANS—50 bgs, Edam, Rotterdam
COCOANUTS—100 bgs, Franklin Baker Co, Tokai, Cristobal
COLORS, EARTH—80 bgs, R T French Co, Black Heron, Antwerp
CORKSLABS—66 bls, Armstrong Cork Co, Exermont, Seville
WASTE—3,389 bls, Armstrong Cork Co, Hoegh Transporter, Djidjelli
WOOD—271 bls, Armstrong Cork Co, Exermont, Seville
411 bls, Armstrong Cork Co, Hoegh Transporter, Djidjelli
7,551 bls, Armstrong Cork Co, Hoegh Transporter, Djidjelli
2,651 bls, Armstrong Cork Co, Alberta, Bona
ENAMEL—2 cs, E I DuPont de Nemours Co, Artigas, London
GLASS, WINDOW—1 cs, Ktakovits & Sons, Black Heron, Antwerp
GLUESTOCK—74 bls, Exermont, Barcelona
GLYCERIN—101 dms, C F Simonins Sons Co, Black Heron, Rotterdam
HOPS—1 bl, G Straus, Black Heron, Antwerp
IRON OXIDE—8 bbls, E M & F Waldo, Exermont, Malaga
LEATHER CUTTINGS—26 bls, Philadelphia Nat Bank, Artigas, London
LICORICE ROOT—11,020 bls, McAndrews & Forbes, Exmoor, Izmir
LUBRICANTS—2 cs, J G Biddle & Co, Artigas, London
MAGNESITE, CALCINED—40 dms, Speiden, Whitfield & Co, Edam, Rotterdam
385 bgs, Exmoor, Salonica
MILK POWDER—600 bs, Balfour, Guthrie & Co, Black Heron, Rotterdam
100 bgs, Hugh J Hazelhurst, Edam, Rotterdam
MINERAL WATER—80 cs, Smith, Kline & French, Black Heron, Antwerp
MOLASSES—802,677 gls, Cuba Distilling Co, Cassimor, Santiago
536,522 gls, Cuba Distilling Co, Cassimor, Antilla
MUSTARD SEED—136 sks, Artigas, London
MYROBALANS—8,860 bgs, Guaranty Trust Co, New Orleans, Bombay
NAPHTHALENE—1,245 bgs, Black Heron, Antwerp
449 bgs, Barrett Co, Black Heron, Antwerp
3,000 bgs, Sagaporack, Gdynia
NIGER SEED—67 bgs, Artigas, London
OIL, CORN, REFINED—60 dms, N C Littauer, Back Heron, Antwerp
100 dms, Balfour, Guthrie & Co, Black Heron, Antwerp
25 dms, Back Heron, Antwerp
209 dms, C F Simonins Sons, Black Heron, Antwerp
37,075 kilos, C F Simonins Sons, Black Heron, Antwerp
77,000 kilos, C F Simonins Sons, Black Heron, Rotterdam
COTTONSEED—634 dms, Argentino, Santos
OLIVE FOOTS—200 dms, Bank of Manhattan Co, Exermont, Seville
PERILLA—201,818 tons, Pacific Vegetable Oil Corp, Tokai Maru, Kobe
RAPESEED, REFINED—100 dms, Balfour, Guthrie & Co, Tokai Maru, Kobe
OSSEIN—2,107 bgs, Black Heron, Antwerp
2 bgs, Kind & Knox, Black Heron, Antwerp
PAINT—1 cs, E I duPont de Nemours Co, Artigas, London
PEATMOSS—1,300 bls, Artigas, London
880 bls, Premier Peat Moss Corp, Sagaporach, Copenhagen
PEPPER—50 bgs, Artigas, London
80 bgs, Joensson Import Corp, Artigas, London
PETROLEUM, CRUDE—91,160 bbls, Atlantic Refining Co, Permian, Las Piedras
89,850 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
72,000 bbls, The Texas Co, Swiftlight, Tampico
115,441 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
POPPYSEED—100 bgs, Back Heron, Rotterdam
PYRITES ORE—7,519,819 kilos, The Pyrites Co, Langleebrook, Huelva
7,600 tons, The Pyrites Co, Avon River, Huelva
RESIN, DISTILLED LIQUID—29 bbls, Sagaporack, Kotka
SAND, FURNACE—800 bgs, Alpha Lux Co, Black Heron, Rotterdam
SHELLAC—200 bgs, New Orleans, Calcutta
SOAP, SOFT—5 bbs, Andreskoviz & Dunk, Inc, Artigas, Dundee
TANKAGE—1,798 bgs, Jacob Stern & Sons, Argentino, Buenos Aires
1,000 bgs, Argentino, Buenos Aires
600 bgs, Argentino, Buenos Aires
999 bgs, Argentino, Buenos Aires
1,994 bgs, Argentino Buenos Aires
600 bgs, Argentino, Buenos Aires
2,000 bgs, Argentino, Buenos Aires
1,500 bgs, Argentino, Santos
508 bgs, Argentino, Santos
WHEAT STARCH POWDER—50 bls, Edam, Rotterdam
ZINC AMMONIUM CHLORIDE—20 casks, Black Heron, Antwerp

Portland, Ore., Imports

COPRA—450 tons, Explotadora de Aceties Vegetables SA, Corneville, Cebu
300 tons, Durkee Famous Foods, Corneville, Dumaguete
HOPS—20 cs, Portland, Hamburg
OIL, MINERAL—100 dms, Portland, Hamburg
10 dms, S Schwabacher & Co, Portland, Hamburg
TANKAGE, GROUND—3,360 sks, Golden State, Wellington (transhipped)

Port Townsend Imports

SALTCAKE—9,080 sks, Portland, Bremen

San Francisco Imports

ACID, CRESYLIC—35 dms, American Cyanamid & Chemical Corpn, Pacific Grove, Glasgow
215 dms, Utah Copper Co, Pacific Grove, Manchester
ALBUMEN, EGG, DUCK—33 cs, President Hoover, Shanghai
EGG, HEN—20 cs, D L Moss & Co, President Hoover, Shanghai
ALCOHOL—20 dms, S L Jones & Co, Tosari, Manila
ALKALI—4 cs, Ti Hang Lung & Co, President Hoover, Hongkong
BRISTLES—3 cs, F H Cone & Co, President Hoover, Shanghai
12 cs, President Hoover, Shanghai
100 cs, A Hurst & Co, President Hoover, Shanghai
55 cs, F H Cone & Co, President Hoover, Dairen
CALCIUM ARSENATE—1 pkg, Mitsui & Co, President Hoover, Kobe
CARAWAY SEED—50 bls, D Hecht & Co, Heranger, Rotterdam
100 bls, McClintock-Stern Co, Heranger, Rotterdam
CASSIA—200 bls, American Spice Mills, President Hoover, Hongkong
50 bls, Hongkong & Shanghai Banking Corpn, Tosari, Padang
CHALK—1,000 sks, Balboa, Antwerp
CHILLIES—135 sks, Modavia, Liverpool
CLAY—5 cs, Pacific Grove, Manchester
COCOA BEANS—250 sks, Pacific Grove, Manchester
COALTAR—1 cs, Crown Chemical Co, President Hoover, Kobe
COCONUT, DESIC—1,444 s, Wood & Selick, President Hoover, Manila
589 cs, Durkee Famous Foods, President Hoover, Manila
2,714 cs, Philippine Desiccated Coconut Corpn, President Hoover, Manila
5,421 cs, Franklin Baker Co, President Hoover, Manila
PRODUCTS—8 cs, President Hoover, Manila
8 cs, Blackbrook Trading Co, President Hoover, Manila
COPRA—116 tons, El Dorado Oil Works, Tosari, Manila (for Oakland)
DEGRAS—85 dms, Modavia, Liverpool
EGG YOLK, HEN, DRIED—46 cs, D L Moss & Co, President Hoover, Shanghai
112 cs, Henningsen Bros. & Co, President Hoover, Tientsin
GINGER ROOT—124 pkgs, President Hoover, Hongkong
GLASS, WINDOW—34 cs, H Maran, Portland, Hamburg (for Oakland)
GUM COPAL—70 sks, Hongkong & Shanghai Banking Corpn, President Hoover, Singapore
50 sks, Henry W Peabody & Co, Saparoca, Singapore
50 sks, Tosari, Singapore
DAMMAR—70 sks, Hongkong & Shanghai Banking Corpn, President Hoover, Singapore
1 cs, Henry W Peabody & Co, Tosari, Tandjong-Priok
250 cs, Tosari, Batavia

HERBS, DRIED—1 cs, Tai Yuen Co, President Hoover, Hongkong
INK—5 cs, Ti Hang Lung & Co, President Hoover, Hongkong
3 cs, Quong Lee & Co, President Hoover, Hongkong
1 cs, Hinomoto & Co, President Hoover, Yokohama
IRON PERCHLORIDE—80 dms, Pacific Grove, Manchester
LARD, VEGETABLE—1,500 cs, 1,500 tins, D B Berelson, President Hoover, Manila
1,000 cs, President Hoover, Manila
1,000 cs, M S Cowen Co, President Hoover, Manila
LYE WATER—1 cs, Suey Chong Co, President Hoover, Hongkong
MACE—20 cs, Tosari, Singapore
MAGNESIA CARBONATE—25 csks, Schofield Sons & Co, Modavia, Liverpool
MEDICINAL PREPS—5 cs, Fung Chong, President Hoover, Hongkong
30 pkgs, Tai Sang Chong Co, President Hoover, Hongkong
66 pkgs, Yick Sang Tong, President Hoover, Hongkong
50 pkgs, Tin Yee Hong Co, President Hoover, Hongkong
4 cs, Suey Chong Co, President Hoover, Hongkong
2 cs, The Columbia Co, President Hoover, Hongkong
5 cs, Quong Lee & Co, President Hoover, Hongkong
106 cs, Tin Bow Tong, President Hoover, Hongkong
100 cs, Quong Yick Wo, President Hoover, Tientsin
MENTHOL—25 cs, Continental Trading Co, Michigan, Otaru
50 cs, Corn Exchange Bank & Trust Co, Michigan, Otaru
100 cs, Goldmann, Sachs & Co, Michigan, Otaru
OIL, CHINAWOOD — 270 tons, Pacific Vegetable Oil Corp, President Hoover, Shanghai
275 tons, S L Jones & Co, President Hoover, Shanghai
COCONUT, CRUDE — 206 tons, Durkee Famous Foods, President Hoover, Manila
900 tons, Philippine Refining Corp of New York, Tosari, Manila
PEANUT—50 cs, Woo Kee Co, President Hoover, Hongkong
15 cs, Tin Yee Hong Co, President Hoover, Hongkong
15 cs, Ying Fat Lung, President Hoover, Hongkong
PERILLA—300 dms, Pacific Vegetable Oil Corp, Bokuyo, Moji
SUNFLOWER SEED—100 dms, Heranger, Rotterdam
PARAFFIN—255 sks, Patterson Shipping Co, Tosari, Dutch East Indies
PEANUTS, UNSHELLED — 300 sks, H D Marshall, Michigan, Dairen
PEATMOSS—700 bls, Peat Import Corp, Portland, Bremen
589 bls, Poultry Producers of Central California, Carriso, New Westminster (for Stockton)
113 bls, Taylor Milling Co, Carriso, New Westminster (for Stockton)
PEPPER, BLACK—200 sks, President Hoover, Hongkong
POLISH, BOOT—3 cs, Anglo-California National Bank of San Francisco, Pacific Grove, Manila
POPPYSEED—50 bls, D Hecht & Co, Heranger, Rotterdam
POTASH PERCHLORATE—1 cs, Wilson & George Meyer & Co, Balboa, Gothenburg
PYRETHRUM FLOWERS—75 bls, Corn Exchange Bank & Trust Co, Michigan, Otaru
RAPESEED—187 sks, Michigan, Otaru
250 sks, Irving Trust Co, Michigan, Otaru
SESAME SEED—100 sks, S L Jones & Co, President Hoover, Hongkong
10 cs, Fung Chong, President Hoover, Hongkong
SHELLAC—20 cs, Saparcea, Calcutta
SILVERSAND—1,950 tons, Balfour, Guthrie & Co, San Francisco, Antwerp
SODA, CAUSTIC—1 pkg, Mitsui & Co, President Hoover, Kobe
CYANIDE—160 cs, American Cyanamid & Chemical Corp, Portland, Hamburg (for Oakland)
NITRATE—715 tons, Chilean Nitrate Sales Corp, Charcas, Tocopilla (for Oakland)
STARCH — 5 cs, Tai Yuen Co, President Hoover, Hongkong
10 cs, Ying Fat Lung, President Hoover, Hongkong
TALLOW, VEGETABLE, WHITE—1,000 pkgs, Colgate-Palmolive-Peet Co, President Hoover, Hankow
TAPIOCA FLOUR—200 sks, Guaranty Trust Co, Tosari, Batavia
108 sks, American Trust Co, Tosari, Sourabaya
PEARL—54 sks, National City Bank of N Y, Tosari, Batavia
SEEDS—54 sks, National City Bank of N Y, Tosari, Batavia
WATER, MINERAL—180 cs, American Agency of French Vichy, San Francisco, Havre

Savannah Imports

ARSENIC WHITE POWD—108 dms, Tulsa, Antwerp
CALCIUM NITRATE—4,950 bgs, Sarpen, Heroen
CHEMICALS—50 bgs, Tulsa, Antwerp
SALTCAKE—977,679 kilos, Tulsa, Antwerp

Seattle Imports

ACID, CRESYLIC—42 dms, Pacific Enterprise, Glasgow
LINSEED MEAL—2,000 sks, Mitsubishi Trading Co, Kosei, Kobe
1,000 sks, Balfour, Guthrie & Co, Kosei, Kobe
1,000 sks, Mitsui & Co, Kosei, Kobe
MOLASSES—1,008 tons, Maliko, Mahukona
OIL, COTTONSEED—150 dms, Pacific Vegetable Oil Corpn, Kosei, Kobe
LUBRICATING—20 dms, Portland, Antwerp
PERILLA—25 dms, Agner & Frederickson, Kosei, Kobe
PEATMOSS—300 bls, Peat Import Corpn, Portland, Bremen
POTASH MURIATE—500 sks, Wilson & George Meyer & Co, Portland, Bremen
TANKAGE—1,000 sks, Golden State, Auckland
GROUND—1,344 sks, Wm J Horstmann, Golden State, Wellington

Tacoma Imports

CHEMICALS—20 cs, Shunten, Kobe (transhipped)
KELP MEAL—500 sks, Centennial Flouring Mills Co, Kosei, Yokohama (transhipped)
POTASH CHLORATE—150 cks, C W Campbell & Co, Portland, Hamburg

Tampa Imports

BONE MEAL—552 bgs, Lucia C, Fiume
CASTOR MEAL—2,334 bgs, Lucia C, Fiume

Recent Exports from U. S. Ports

New York Exports

ACETONE—4,450 lbs, Hammaren, Gothenburg; 4,590 lbs, Black Tern, Antwerp
ACID, ACETIC—5,348 lbs, Munargo, Havana
ACETIC, GLACIAL—730 lbs, Calamares, Panama
LASTIC—553 lbs, Borinquen, San Juan
MURIATIC—5,658 lbs, Castor, Porto Plata; (Ponce) 18,000 lbs, Arecibo; 4,914 lbs, Porto Plata
PHOSPHORIC—11,656 lbs, Hammaren, Stockholm
STEARIC—226 lbs, Marthara, Santos
SULPHURIC—3,592 lbs, Calamares, Panama, 25,435 lbs, Ponce, Ponce
TARTARIC—125 lbs, Calamares, La Libertad
ALCOHOL, ETHYLBUTYL—844 lbs, Sarcoxie, Havre
ISOPROPYL—6,600 gls, Marthara, Buenos Aires; 330 gls, Scanyork, Aarhus
AMMONIA, SULPHATE—(Ponce) 202,500 lbs, San Juan; 405,000 lbs, Guanica
ASPHALT—97,529 lbs, Hammaren, Gothenburg; 73,543 lbs, Borinquen, San Juan; 39,850 lbs, Black Tern, Antwerp; 110,118 lbs, Bremen, Bremen; 11,127 lbs, Lehigh, Manchester; 98,822 lbs, Roslin Castle, Durban; 22,160 lbs, Parnahyba, Antonius; 230,709 lbs, Berlin, Bremen; 25,024 lbs, Munargo, Nassau
LIQUID—(Hammaren) 42,599 lbs, Sundsvall; 79,113 lbs, Oernskoldsvik; 98,232 lbs, Gevle; 141,261 lbs, Drottningholm, Gothenburg; 30,422 lbs, Excambion, Marseilles; 219,675 lbs, Sarcoxie, Havre; (Lehigh) 11,525 lbs, Manchester; 16,742 lbs, Liverpool; 23,431 lbs, Glasgow
BAKING POWDER — (Berlin) 35,375 lbs, Gothenburg; 9,500 lbs, Stockholm
BARBASSU CAKE—225,996 lbs, Manhattan, Hamburg
BLEACHING POWDER—436 lbs, Platano, Porto Barrios
BLOOD, DRIED—(Scanmail) 44,200 lbs, Kotka; 22,100 lbs, Wiborg
ROOT—226 lbs, Hansa, Hamburg
CAMPHOR—9,077 lbs, Hansa, Hamburg
CHEMICALS—750 lbs, Sarcoxie, Havre
CHLORINE, LIQ—796 lbs, Platano, Santiago
COALTAR INTERMEDIATES—4,660 lbs, Manhattan, Havre
COHOSH ROOT, BLACK—448 lbs, Hansa, Hamburg
COLOR, DRY—9,309 lbs, Quirigua, Limon
CORN FLOUR—(Quirigua) 2,830 lbs, Havana; 770 lbs, San Juan del Sur; 203 lbs, Platano, Porto Barrios; 3,538 lbs, Oriskany, Santiago
SUGAR—10,150 lbs, Savaria, Liverpool; 10,150 lbs Lehigh, Manchester; 1,117 lbs, Sarcoxie, Dunkirk; 2,820 lbs, Fort Townshend, Halifax
SYRUP—5,331 lbs, Platano, Porto Barrios; 770 lbs, Quirigua, San Juan del Sur; 9,794 lbs, Mauna Ala, Honolulu; 3,019 lbs, Musa, Porto Barrios; 546 lbs, Calamares, Panama; 3,759 lbs, Oriskany, Santiago; 3,750 lbs, Fort Townshend, St Johns
COTTON LINTERS—231,415 lbs, Isarco, Genoa
DEXTRIN—5,037 lbs, Munargo, Havana; 4,230 lbs, Siboney, Vera Cruz
CORN—4,544 lbs, Drottningholm, Gothenburg; 2,125 lbs, Quirigua, Havana; 5,076 lbs, Oriskany, Santiago
DISINFECTANT—1,579 lbs, Musa, Porto Cortes
DYES—565 lbs, Quirigua, Limon; (Eastern Prince) 1,785 lbs, Rio de Janeiro; 2,660 lbs, Buenos Aires
ECHINACHEA ROOT—226 lbs, Hansa, Hamburg
FERRITES—12,244 lbs, Marthara, Santos
FERROTITANIUM—26,133 lbs, Sarcoxie, Havre
FERTILIZER—1,016,000 lbs, Mauna Ala, Honolulu
FIRECLAY—25,440 lbs, Drottningholm, Gothenburg
FORMALDEHYDE — 26,263 lbs, Marthara, Santos
GELSENIUM ROOT—447 lbs, Hansa, Hamburg
GLASS, PLATE—6,480 lbs, Hammaren, Malmo
WINDOW—3,428 lbs, Quirigua, Havana
GLUCOSE—45,510 lbs, Sea Glory, Bristol
GLUE—4,224 lbs, Bremen, Berlin
DRY—13,016 lbs, Caledonia, Glasgow
GLYCERIN—2,303 lbs, Pastores, Porto Colombia
GREASE, LUBRICATING—33,789 lbs, Samaria, Liverpool; 93,571 lbs, Sarcoxie, Dunkirk; 3,700 lbs, Lehigh, Manchester; 35,979 lbs, Caledonia, Glasgow; (Scanmail) 28,424 lbs, Gdynia; 4,591 lbs, Danzig City; 11,831 lbs, Stockholm; 60,233 lbs, Hansa, Hamburg; 9,485 lbs, Marthara, Buenos Aires; (Roslin Castle) 10,025 lbs, Capetown; 9,980 lbs, East London; 17,506 lbs, Durban; 56,524 lbs, Berlin, Bremerhaven; (Calamares) 2,604 lbs, Santa Marta; 2,377 lbs, Cartagena; 4,476 lbs, Porto Colombia; (Scanyork) 2,330 lbs, Copenhagen; 4,166 lbs, Gdynia; 16,477 lbs, Stockholm; 13,204 lbs, Sea Glory, Bristol
INSECTICIDE—3,040 lbs, Hansa, Oslo; 2,095 lbs, Musa, Puerto Cortes
HOUSEHOLD—(Mauna Ala) 4,678 lbs, Honolulu; 2,775 lbs, Port Allen; 9,356 lbs, Scanyork, Copenhagen
IRON OXIDE—24,700 lbs, Isarco, Genoa
ISOPROPYL ACETATE — 4,320 lbs, Black Tern, Antwerp
ETHER—2,877 lbs, Sarcoxie, Havre
KEROSENE—6,000 gls, Pastores, Cristobal; (Martinique) 10,000 gls, Cape Haiti; 2,500 gls, Port Paix; 2,920 gls, Genaives; 840 gls, Petit Goave; 2,920 gls, Jeremie; 7,100 gls, Aux Cayes
LACQUER—4,502 lbs, Eastern Prince, Santos
LARD—60,270 lbs, Samaria, Liverpool; 63,000 lbs, Lehigh, Manchester; 10,750 lbs, Borinquen, San Juan; 23,557 lbs, Scanmail, Gothenburg; 68,930 lbs, Hansa, Hamburg; 9,900 lbs, Oriskany, Santiago; 12,400 lbs, Ponce, San Juan; (Sea Glory) 16,250 lbs, Cardiff; 16,250 lbs, Bristol; 11,789 lbs, Scanyork, Helsingborg
LEAD, RED—2,125 lbs, Munargo, Havana; 2,482 lbs, Oriskany, Santiago; 5,313 lbs, Calamares, Puerto Colombia
LINSEED CAKE—170,043 lbs, Lehigh, Belfast; 133,140 lbs, Isarco, Leghorn; 2,296,656 lbs, Black Tern, Antwerp; 454,083 lbs, Hansa, Hamburg
MEAL—897,000 lbs, Lehigh, Belfast
LITHOPONE—20,352 lbs, Munargo, Havana
OIL, CASTOR — 4,230 lbs, Borinquen, San Juan; 762 lbs, Ponce
CHINAWOOD—2,343 lbs, Marthara, Santos
COCONUT—9,503 lbs, Platano, Puerto Barrios; 4,708 lbs, Castor, Puerto Plata; 9,457 lbs, Musa, Puerto Barrios
CORN—(Falcon) 2,588 lbs, Aruba; 5,430 lbs, Curacao
EDIBLE—(Quirigua) 1,750 lbs, Limon; 1,000 bs, Puntarenas; 1,440 lbs, San Juan del Sur; 7,812 lbs, Musa, Porto Barrios; 2,178 lbs, Calamares, Porto Barrios
ESSENTIAL—394 lbs, Hansa, Hamburg; 11,156 lbs, Breedyk, Amsterdam
LUBRICATING—1,375 gls, Hammaren, Gothenburg; 9,260 gls, Caledonia, Glasgow; (Excambion) 63,408 gls, Marseilles; 3,780 gls, Naples; 4,950 gls, Alexandria; 5,477 gls, Isarco, Genoa; (Scanmail) 2,100 gls, Gothenburg; 6,820 gls, Copenhagen; 4,505 gls, Black Tern, Antwerp; (Hansa) 6,090 gls, Hamburg; 21,000 gls, Prague; (Marthara) 2,600 gls, Rio Janeiro; 2,350 gls, Santos; 18,250 gls, Buenos Aires; 6,600 gls, Fort Amherst, St Johns; 1,092 gls, Samaria, Liverpool; (Sarcoxie) 45,234 gls, Havre; 29,484 gls, Dunkirk, 17,592 gls, Lehigh, Manchester; (Roslin Castle) 1,100 gls, Port Elizabeth; 4,475 gls, East London; (Bronte) 3,000 gls, Rio Janeiro; 11,000 gls, Buenos Aires; 21,414 gls, Breedyk, Rotterdam; 2,200 gls, Parnahyba, Santos; 2,145 gls, Falcon, Aruba; (Calamares) 4,530 gls, Colon; 2,750 gls, Santa Marta; 1,925 gls, Porto Armuelles; 3,425 gls, Fort Townshend, St Johns; (Santa Rita) 1,375 gls, Tocopilla; 1,925 gls, Antofagasta; (Cumbal) 1,290 gls, Amapala; 950 gls, Buenaventura; (Manhattan) 7,350 gls, Havre; 21,000 gls, Hamburg; 3,150 gls, Scanyork, Stockholm; 7,770 gls, Sea Glory, Cardiff; 5,235 gls, Eastern Prince, Montevideo; 23,670 gls, Siboney, Vera Cruz
NEATSFOOT—2,824 lbs, Sarcoxie, Dunkirk
OLEO—46,415 lbs, Drottningholm, Stockholm; (Scanmail) 33,401 lbs, Gothenburg; 46,167 lbs, Copenhagen; 33,210 bs, Black Tern, Antwerp; 11,766 lbs, Breedyk, Rotterdam; 11,270 lbs, Sea Glory, Cardiff; 14,284 lbs, Scanyork, Gothenburg
SALAD—5,400 lbs, Ponce, San Juan
SOYBEAN—6,243 lbs, Castor, Porto Plata
STONE—530 gls, Scanyork, Copenhagen
TRANSFORMER—3,685 gls, Quirigua, Havana
ORTHO NITROCHLOROBENZENE — 19,269 lbs, Lehigh, Manchester
PAINT—6,530 lbs, Pastores, Porto Colombia; 3,672 lbs, Hammaren, Stockholm; 8,086 lbs, Borinquen, San Juan; 3,025 lbs, Platano, Porto Barrios; 7,950 lbs, Scanmail, Gothenburg; 8,409 lbs, Black Tern, Antwerp; 8,908 lbs, Marthara, Santos; 2,090 lbs, Calamares, Porto Colombia; 3,569 lbs, Musa, Porto Barrios
ENAMEL—2,885 lbs, Isarco, Genoa; 23,131 lbs, Marthara, Santos
PREPARED—7,719 lbs, Mauna Ala, Honolulu
THINNER—550 gls, Borinquen, San Juan; 1,100 gls, Excambion, Beyrouth; 2,750 gls, Marthara, Santos
PARAFFIN—50,616 lbs, Pastores, Cristobal; 22,465 lbs, Samaria, Liverpool; 88,107 lbs, Quirigua, Limon; 10,102 lbs, Platano, Porto Barrios; (Isarco) 444,888 lbs, Genoa; 333,666 lbs, Leghorn; 556,110 lbs, Naples; 90,314 lbs, Breedijk, Rotterdam; 8,879 lbs, Parnahyba, Santos; 33,294 lbs, Calamares, Porto Barrios; 11,569 lbs, La Libertad; 10,101 lbs, Oriskany, Santiago; 129,425 lbs, Santa Rita, Valparaiso; 1,219,815 lbs, Cumbal, Buenaventura; (Scanyork) 44,489 lbs, Copenhagen; 25,124 lbs, Aarhus; 117,300 lbs, Sea Glory, Bristol
SCALE—121,390 lbs, Lehigh, Cork; 34,615 lbs, Sea Glory, Bristol
PETROLATUM—88,462 lbs, Roslin Castle, Durban
PETROLEUM COKE—502,099 lbs, Isarco, Genoa; 405,000 lbs, Lehigh, Manchester
PITCH—209,167 lbs, Lehigh, Manchester
COALTAR—154,156 lbs, Isarco, Genoa
POTASH BICHROMATE—33,605 lbs, Scanyork, Helsingfors
BROMATE—2,640 lbs, Breedijk, Rotterdam
RESIN—4,854 lbs, Hansa, Hamburg; 7,576 lbs, Sarcoxie, Havre
COALTAR—6,378 lbs, Manhattan, Havre
SYNTHETIC—3,038 lbs, Manhattan, Hamburg; 7,185 lbs, Scanyork, Gothenburg
ROSIN—8,599 lbs, Samaria, Liverpool; 7,185 lbs, Scanyork, Gothenburg
SOAP—23,000 lbs, Borinquen, San Juan; 5,000 lbs, Martinique, Port Paix; (Ponce) 2,800 lbs, San Juan; 16,390 lbs, Ponce; 2,748 lbs, Aguadilla
LAUNDRY—9,061 lbs, Borinquen, San Juan; (Ponce) 8,425 lbs, San Juan; 58,120 lbs, Mayaguez
SODA ASH—32,000 lbs, Quiriqua, Havana; 3,240 lbs, Platano, Porto Cortes; 58,931 lbs, Munargo, Havana
BICARBONATE—52,180 lbs, Siboney, Vera Cruz
BISULPHITE—8,751 lbs, Munargo, Havana
CAUSTIC—(Marthara) 112,674 lbs, Rio Janeiro; 283,680 lbs, Santos; 115,360 lbs, Buenos Aires; 72,000 lbs, Quirigua, Havana; 17,590 lbs, Platano, Porto Cortes; 12,874 lbs, Munargo, Havana; (Bronte) 226,327 lbs, Rio Janeiro; 467,143 lbs, Buenos Aires; 22,542 lbs, Siboney, Vera Cruz
SAL—2,691 lbs, Calamares, Porto Colombia
SILICATE—50,787 lbs, Munargo, Havana; 4,130 lbs, Musa, Porto Barrios
SOLVENTS—1,307 lbs, Breedyk, Rotterdam
COALTAR—30,260 lbs, Breedyk, Amsterdam
STARCH—3,750 lbs, Munargo, Nassau
CORN—(Mauna Ala) 3,501 lbs, Honolulu; 1,485 lbs, Hilo; 14,100 lbs, Samaria, Liverpool; 8,100 lbs, Scanmail, Helsingfors; (Hammaren) 2,525 lbs, Gothenburg; 6,060 lbs, Stockholm; (Quirigua) 1,000 lbs, Guantanamo; 2,000 lbs, Calbarien; 624 lbs, Castor, Porto Plata; 756 lbs, Musa, Porto Barrios; 5,333 lbs, Calamares, Panama
SULPHUR—15,243 lbs, Munargo, Havana
TALLOW—23,388 lbs, Castor, Porto Plata
INDELIBLE—11,977 lbs, Isarco, Genoa
TURPENTINE—2,810 gls, Fort Amherst, St Johns; 6,000 gls Parnahyba, Rio Janeiro; 4,000 gls, Roslin Castle, Durban
VARNISH—943 lbs, Marthara, Santos; 3,644 lbs, Drottningholm, Malmo; 846 lbs, Platano, Porto Barrios
WAX, CARNAUBA, SYNTH—719 lbs, Quirigua, Havana
WITCH HAZEL EXTRACT—44,640 lbs, Sea Glory, Bristol
LEAVES—2,293 lbs, Hansa, Hamburg
ZINC OXIDE—2,268 lbs, Sarcoxie, Havre; 1,112 lbs, Marthara, Buenos Aires; 5,440 lbs, Santa Rita, Antofagasta

Clearance Dates

Antigua, May 18; Berlin, May 22; Black Tern, May 15; Breedyk, May 16; Bremen, May 9; Bronte, May 19; Calamares, May 16; Castor, May 15; Cumbal, May 15; Eastern Prince, May 15; Excambion, May 11; Falcon, May 6; Fort Amherst, May 18; Fort Townshend, May 15; Hansa, May 13; Isarco, May 15; Johannes Maersk, May 13, Lehigh, May 16; Manhattan, May 19; Martinique, May 20; Mauna Ala, May 12; Munargo, May 15; Musa, May 15; Oriente, May 15; Oriskany, May 15; Parnahyba, May 22; Pastores, May 14; Pilsudski, May 13; Ponce May 15; Roslin Castle, May 13; Samaria, May 15; Santa Rita, May 15; Sarcoxie, May 15; Scanmail, May 8; Scanyork, May 15; Sea Glory, May 22; Siboney, May 14; Steel Mariner, May 16

Baltimore Exports

ASPHALT, SOLID—48,332 lbs, City of Hamburg, Hamburg
BARBASSU MEAL—200 tons, Black Falcon, Antwerp/Rotterdam
CADMIUM LITHOPONE—3,628 lbs, City of Hamburg, London
CHALK, PRECIP—36,000 lbs, City of Hamburg, London
CHEMICAL COMP—8,080 lbs, City of Hamburg, London
FIRE CLAY—6 sks, Nora Maersk, Manila
GLASS FRIT, CRUSHED—1,000 lbs, City of Hamburg, London
GREASE, LUBRICATING—26,250 lbs, City of Hamburg, London; (Black Falcon) 5,750 lbs, Rotterdam; 33,971 lbs, Antwerp; 129,274 lbs, Blommersdijk, Rotterdam
LACQUER, NITROGENOUS—40 gls, City of Hamburg, Helsinki
NICKEL, SULPHATE — 1,500 lbs, Nora Maersk, Kobe
OIL, CRUDE—880 gls, City of Hamburg, Hamburg
LUBRICATING—136 bbls, Black Falcon, Antwerp
PAINT—100 lbs, 930 gls, Augvald, Santos
PARAFFIN — 34,717 lbs, Nora Maersk, Tsingtao; 110,015 lbs, Blommersdijk, Rotterdam
PETROLEUM, CRUDE—880 gls, City of Hamburg, Hamburg
POLISH, SHOE—1,093 lbs, City of Hamburg, London
METAL—122 lbs, Nora Maersk, Manila
POTASH, MURIATE—984 tons, Black Falcon, Antwerp
QUERCITRON BARK—16,265 lbs, Manchester Exporter. Manchester
SAND, PROCESSED—450 lbs, Black Falcon, The Hague
SODA, BICHROMATE—2,205 lbs, City of Hamburg, Memel; 11,023 lbs, Black Falcon, Rotterdam
SILICATE—(Nora Maersk) 7,200 lbs, Mukden; 3,600 lbs, Liaoyang; 1,200 lbs, Harbin
UREA—11,200 lbs, Black Falcon, Mussionsstrasse

Clearance Dates

Augvald, May 19; Black Falcon, May 16; Blommersdijk, May 20; City of Hamburg, May 14; Manchester Exporter, May 22; Nora Maersk, May 15

Beaumont Exports

GREASE, LUBRICATING — 5 bbls, Kaia Knudsen, Buenos Aires
OIL, LUBRICATING—7.0 dms, Kaia Knudsen, Buenos Aires
PETROLEUM, CRUDE—12,894 tons, Kaia Knudsen, Buenos Aires; 8,000 tons, Annarella, Fiume; 8,500 tons, Motrix, Havre

Clearance Dates

Annarella, May 11; Kaia Knudsen, May 8; Motrix, May 11

Boston Exports

ACETONE—3 dms, 1,050 lbs, San Benito, Havana; 1 dm, 55 gls, to Newfoundland
ACID, SULPHURIC—1 dm, 30 crbys, 7,294 lbs, San Benito, Havana
ANIMAL DIP—30 dms, 12,750 lbs, to China; 10 dms, 4,680 lbs, to Philippines
BAKING POWDER—20 pls, 800 lbs, to Newfoundland
BLACK, LAMP—13 bxs, 520 lbs, Yarmouth, Halifax
BLEACHING POWDER—1 ctn, 48 lbs, San Benito, Coco Solo
CEMENT, CAN—3 dms, 1,366 lbs, to Japan
RUBBER—4 dms, to Newfoundland
CLEANER, SHOE—(San Benito) 2 cs, 72 lbs, Colon; 1 cs, 10 lbs, Panama
COALTAR—50 dms, San Benito, Havana
COLOR, BLACK MINERAL—4 bxs, 200 lbs, Saint John, Moncton
DISINFECTANT, COALTAR—35 dms, 1,750 gls, San Benito, Havana
DRESSING, LEATHER—2 cs, 170 lbs, San Benito, Havana
SHOE—1 dm, 49 lbs, to Newfoundland; 1 bbl, 64 cs, San Benito, Havana; 3 cs, 249 lbs, to Philippines; 5 ctns, to Hawaii
DRYER, WHITE—10 dms, 495 gls, to Newfoundland
FERTILIZER—180 bgs, 28,495 lbs, Edam, Amsterdam
FINISH, FLOOR—1 dm, 54 gls, to Newfoundland
LEATHER—1 cs, 122 lbs, San Benito, Havana
GREASE, LUBRICATING—14 ctns, 504 lbs, to Newfoundland
SOAP—33 bbls, 13,850 lbs, San Benito, Caibarien
INK, MARKING—1 ctn, 10 lbs, San Benito, Coco Solo
PRINTING—4 bbls, 11 cs, 1,601 lbs, to Philippines
SHOE—7 cs, 39 gls, to China
WRITING—4 ctns, 24 bxs, 343 lbs, to Newfoundland; 5 bxs, 73 lbs, San Benito, France Field; 4 cs, 60 bxs, 1,817 lbs, to China; 28 ctns, 348 lbs, to Hawaii
INSECTICIDE—40 cs, 4,000 lbs, Yarmouth, Port Williams; 1 dm, 372 lbs, San Benito, Havana
INVALIDS' FOOD—4 cs, 95 lbs, San Benito, Havana
LACQUER—2 dms, 113 gls, to Newfoundland
MEDICINAL PREPS—2 cs, 57 lbs, to Newfoundland; 5 cs, 323 lbs, San Benito, Panama
OIL, LUBRICATING—3 dms, 5 cans and 15 cs, 280 gls, Saint John, St John; 1,067 bbls, 15 dms, 5,033 lbs, Elkhound, St John; 66 dms, 53 gls, to Nova Scotia
SESAME—1 cs, 40 lbs, San Benito, Puerto Padre
WHITE—100 bbls, 4,600 gls, to Newfoundland
PAINT—1 dms, 16 cs, 367 gls, to Newfoundland
PASTE, ADHES—7 dms, 3,432 lbs, to Philippines
DRY—1 bbl, 100 lbs, to Newfoundland
STATIONERS'—8 bxs, 112 lbs, to Newfoundland; 4 bxs, 64 lbs, San Benito, France Field; 34 bxs, 2,340 lbs, to Hawaii
PITCH, COALTAR—267 dms, 37 tons, Samaria, Liverpool
MARINE GLUE—7 tins, 108 lbs, Yarmouth, Halifax
POLISH, AUTO—9 ctn, 280 lbs, Samaria, Liverpool
FLOOR—1 cs, 24 lbs, Yarmouth, Mahone Bay
SHOE—(San Benito) 9 cs, 159 lbs, Havana; 25 ctns, 265 lbs, Panama City
SILVER—1 bx, 100 lbs, to Philippines
STOVE—2 ctns, 60 lbs, Yarmouth, Halifax
PUTTY—10 bxs, 1,000 lbs, to Philippines
ROSIN, WOOD—4 bbls, to Newfoundland
SAND, FOUNDRY—1 car, 60,000 lbs, to Newfoundland
SOAP—1 cs, 32 lbs, to Newfoundland
FLAKE—4 cs, 116 lbs, to Hawaii
POWDER—242 cs, 8,529 lbs, to Hawaii
TAR—77 cs, 1,931 lbs, San Benito, Havana; 143 cs, 1,577 lbs, to Hawaii
TOILET—73 cs, 2,078 lbs, San Benito, Havana; 390 cs, 7,566 lbs, to Hawaii
SODA, PHOSPHATE—5 kgs, 500 lbs, Saint John, St John
STAIN, WOOD—2 dms, 10 gls, to Hawaii
TALC—1 cs, 72 lbs, to Newfoundland
TITANIUM DIOXIDE—3 bbls, 1,029 lbs, to Newfoundland
TOILET PREPS—2 cs, 113 lbs, Samaria, Nottingham; 6 cs, 1,140 lbs, to Newfoundland
TURPENTINE, GUM—7 dms, 2,744 lbs, Saint John, St John; 3 bbls, 152 gls, Acadia, St John; (Yarmouth) 3 dms, 162 gls, Yarmouth; 18 dms, 2,352 lbs, Halifax; 1 cs, 10 gls, to Newfoundland
WOOD—5 cs, 15 bbls, to Newfoundland
VARNISH—11 cs, 71 gls, to Newfoundland
COPAL—2 dms, 111 gls, to Newfoundland
REMOVER—50 bxs, 500 gls, San Benito, Cristobal
THINNER—6 dms, 330 gls, to Newfoundland
WAX, SHOE—1 ctn, 50 lbs, to Newfoundland; 27 cs, San Benito, Havana

Clearance Dates

Acadia, May 13; Edam, May 16; Elkhound, May 14; Saint John, May 19; Samaria, May 16; San Benito, May 11; Yarmouth, May 15, 18 and 20

Corpus Christi Exports

PETROLEUM, CRUDE—66,372 bbls, Caroline Maersk, Danish Ports; 58,316 bbls, Bente Maersk, Flushing

Clearance Dates

Caroline Maersk, May 6; Bente Maersk, May 10

Galveston Exports

BIOLOGICALS—2 cs, Cardonia, Barcelona
BLACK, CARBON—2,500 bgs, Kinugasa, Moji; (Cranford) 16 tons, Havre; 2 cs, Antwerp; 7 tons, Rotterdam; 150 cs, Assuan, Shanghai; (West Quechee) 6 tons, Liverpool; 6 tons, Manchester
CONCENTRATES—66 tons, West Quechee, Liverpool
OLEO STOCK—50 tcs, Tampa, Copenhagen
POTASH—500 tons, Almeria Lykes, San Juan
SULPHUR—2,000 tons, West Hobomac, Hamburg; 2,000 bgs, Steel Age, Calcutta; 500 tons, Cranford, Havre; (Romsdalshorn) 3,000 tons, Botwood; 4,800 tons, Three Rivers; 2,400 tons, Montreal; 2,200 tons, Trentbank, Port Kembla
CRUDE—30 tons, Tampa, Gdynia

Clearance Dates

Almeria Lykes, May 15; Assuan, May 16; Cardonia, May 18; Cranford, May 16; Kinugasa, May 15; Romsdalshorn, May 19; Steel Age, May 16; Tampa, May 15; Trentbank, May 19; West Hobomac, May 13; West Quechee, May 19

Gulfport Exports

OIL, PINE—(Topa Topa) 50 dms, Avonmouth; 50 dms, Rotterdam; 100 dms, Afoundria, London
ROSIN—(Topa Topa) 150 bbls, Avonmouth; 1,099 bbls, Hamburg; 1,596 dms, Rotterdam; 25 dms, Antwerp; 675 bbls, Hastings, Liverpool; 70 dms, Hanover, Osaka; (Afoundria) 50 bbls, Newcastle; 445 bbls, London
TURPENTINE—(Afoundria) 50 dms, Newcastle; 250 dms, London

Clearance Dates

Afoundria, May 11; Hanover, May 16; Hastings, May 15; Topa Topa, May 13

Houston Exports

BLACK, CARBON—(Cranford) 4,624 pkgs, Havre; 1,800 bgs, Antwerp; 224 sks, 36 cs, Tampa, Gdynia; 900 bgs, West Hobomac, Bremen-Hamburg; 6 tons, Margaret Lykes, Cristobal; 1,344 bgs, Cardonia, Barcelona; (West Quechee) 1,256 pkgs, Manchester; 7,000 pkgs, Liverpool-Manchester; 400 cs, Assuan, Shanghai; 500 cs, Lekhaven, Bremen-Hamburg
CLEANER—3 cs, Tampa, Oslo
GASOLINE—8,490 tons, Oilreliance, Montreal
LUBRICANTS—155 pkgs, Tampa, Oslo
OIL, GAS—9,200 tons, Scottish Musician, a port in Denmark
LUBRICATING—(Margaret Lykes) 6 tons, Havana; 180 tons, Cristobal; 23 tons, Ciudad Trujillo
PETROLEUM, CRUDE—12,000 tons, Caprella, Montreal; 11,000 tons, Morgenen, Montreal
SOAPSTOCK—82 bbls, West Quechee, Liverpool
SODA, CAUSTIC—4 tons, Velma Lykes, Aguadilla
TALLOW—16 tons, Margaret Lykes, Havana
WAX—25 cs, Tampa, Oslo

Clearance Dates

Assuan, May 18; Caprella, May 13; Cardonia, May 16; Cranford, May 14; Lekhaven, May 19; Margaret Lykes, May 15; Morgenen, May 18; Oilreliance, May 19; Scottish Musician, May 14; Tampa, May 14; West Hobomac, May 15; West Quechee, May 16; Velma Lykes, May 13

Lake Charles Exports

DRUGS—3 cs, Genevieve Lykes, San Juan
OIL, PINE—1,609 gls, Kellerwald, Antwerp
ROSIN—(Kellerwald) 233 bbls, Rotterdam; 435 bbls, Hamburg; 314 bbls, Gothenburg; 15 bbls, Gdynia; 130 bbls, Porto Alegre; (Marina O) 1,336 tons, Genoa; 77 dms, Venice; 295 dms, Naples
SALT—450 bgs, Genevieve Lykes, San Juan

Clearance Dates

Kellerwald, May 6; Genevieve Lykes, May 8; Marina O, May 7

Los Angeles Exports

ACID, ACETYLSALICYLIC—15 cs, 3,000 lbs, President Van Buren, Shanghai
BORIC—(Monterey) 140 bgs, 5 cks, 16,800 lbs, Sydney; 20 bgs, 2,240 lbs, Launceston; 3 bgs, 340 lbs, Timaru; 188 bgs, 21,060 lbs, San Diego, Havre; 200 bgs, 22,400 lbs, Trondanger, Rotterdam
SALICYLIC—7 cs, 700 lbs, President Van Buren, Tientsin
ALCOHOL, BUTYL—10 dms, 3,600 lbs, Ruth Alexander, Calgary
DENATURED—2,160 lbs, Silversandal, Hongkong
AMYL ACETATE—1,000 lbs, Silversandal, Hongkong
ASPHALT—135 dms, 82,880 lbs, Deroche, Balboa
LIQUID—25 dms, 7,020 lbs, Lochkatrine, Vancouver
BLACK CARBON—(Monterey) 628 pkgs, 89,050 lbs, Melbourne; 19 cs, 90 bgs, 9,790 lbs, Sydney
BORATE—(Seattle) 13,220 bgs, 2,272,540 lbs, Bremen; 7,419 bgs, 1,120,000 lbs, Hamburg; 6,900 bgs, 1,814,810 lbs, Laurits Swenson, London
BORAX—250 pkgs, 35,600 lbs, Golden Sun, Tientsin; (Monterey) 260 bgs, 29,120 lbs, Sydney; 771 bgs, 86,350 lbs, Melbourne; 50 cks, 11,200 lbs, President Van Buren, Shanghai; 2,000 bgs, 226,000 lbs, Devon City, Cardiff; 55 bgs, 6,060 lbs, Santa Elena, Cartagena; 800 bgs, 90,400 lbs, Lochquil, Rotterdam; (Hokkai) 1,160 bgs, 129,170 lbs, Osaka; 600 bgs, 67,200 lbs, Yokohama-Osaka; (Feltre) 2,880 bgs, 339,220 lbs, Trieste; 2,000 bgs, 226,000 lbs, Marseilles; (Trondanger) 1,440 bgs, 202,600 lbs, Havre; 800 bgs, 89,600 lbs, Rotterdam; 800 bgs, 89,600 lbs, Trondanger, Rotterdam; 394 bgs, 44,130 lbs, San Diego, Antwerp; 1,400 bgs, 158,200 lbs, Laurits Swenson, Hull; 300 bgs, 33,600 lbs, Silversandal, Hongkong
BUTYL ACETATE—1,200 lbs, Silversandal, Hongkong
CLAY—66 sks, 6,720 lbs, Feltre, Marseilles
GROUND—1,000 sks, 100,800 lbs, President Garfield, Bahrein
COALTAR PROD—28 pkgs, 5,450 lbs, President Van Buren, Canton
COCOA BUTTER—226 cs, 22,600 lbs, Monterey, Melbourne
COPRA—2,203 pkgs, 250,840 lbs, Feltre, Valparaiso
CORNFLOUR—60 bgs, 8,400 lbs, President Van Buren, Manila
ETHYL ACETATE—1,990 lbs, Silversandal, Hongkong
LACTATE—430 lbs, Silversandal, Hongkong
FIRECLAY—80 bgs, 11,200 lbs, Providencia, Santa Rosalia
GASOLINE—71,399 bbls, 18,635,140 lbs, Rigmor, Adelaide; 140 dms, 55,330 lbs, Providencia, Santa Rosalia; 70,465 bbls, 18,391,370 lbs, Svolder, Melbourne; 74,863 bbls, 19,491,480 lbs, James Hawson, Yokohama; or Itosaki; 200 dms, 65,770 lbs, Bintang, Manila; 50 dms, 14,350 lbs, Deroche, Balboa; 200 dms, 65,770 lbs, Silversandal, Manila
GLUCOSE—30 bbls, 20,980 lbs, President Van Buren, Manila
GLYCERIN—20 bxs, 1,000 lbs, President Van Buren, Manila
GREASE, LUBRICATING—6 cs, 1,490 lbs, Bintang, Cebu; (Deroche) 14 pkgs, 810 lbs, Colon; 50 dms, 62 pkgs, 10,410 lbs, Balboa
GUM, SYNTH—420 lbs, Silversandal, Hongkong
GYPSUM—(Monterey) 1,456 sks, 145,600 lbs, Auckland; 120 sks, 12,000 lbs, Melbourne; 672 bgs, 67,200 lbs, Golden Cloud, Auckland
INFUSORIAL EARTH—208 bgs, 20,160 lbs, Steel Engineer, London; (Laurits Swenson) 118 bgs, 11,200 lbs, London; 132 bgs, 13,440 lbs, Liverpool; (Santa Elena) 1,500 sks, 150,340 lbs, Central Harshey; 120 bgs, 4,480 lbs, Havana; 44 bgs, 4,400 lbs, Lochgoil, Amsterdam; (Feltre) 1,076 bgs, 109,760 lbs, Casablanca; 108 sks, 10,800 lbs, Oporto; 108 sks, 10,800 lbs, Leixoes; 111 bgs, 11,200 lbs, Marseilles; (Trondanger) 46 bgs, 4,480 lbs, Havre; 220 bgs, 22,400 lbs, Antwerp; 220 bgs, 22,400 lbs, Amsterdam; 551 bgs, 56,000 lbs, Seattle, Antwerp; (San Diego) 337 bgs, 31,860 lbs, Antwerp; 421 bgs, 42,660 lbs, Havre; 20 bgs, 2,050 lbs, Laurits Swenson, Selby; 448 bgs, 44,800 lbs, Golden Cloud, Auckland
INK, PRINTING—10 dms, 4,460 lbs, President Van Buren, Manila
INSECTICIDE—20 cs, 800 lbs, President Van Buren, Manila
KEROSENE—5 dms, 1,710 lbs, Monterey, Melbourne; 150 cs, 30 dms, 23,300 lbs, Providencia, Santa Rosalia; 2,000 cs, 170,000 lbs, Deroche, Balboa; (Golden Cloud) 25 dms, 315 cs, 35,620 lbs, Auckland; 200 cs, 17,000 lbs, Sydney; 200 cs, 17,000 lbs, Wellington
DISTILLATE—3,519 bbls, 992,360 lbs, Silversandal, Hongkong
LARD—725 tins, 26,830 lbs, Willkeno, San Juan; (Felix Taussig) 450 tins, 16,650 lbs, Mayaguez; 300 tins, 11,100 lbs, San Juan
MEDICINAL PREPS—6 pkgs, 570 lbs, President Van Buren, Tientsin
METHYL SALICYLATE—5 dms, 250 lbs, President Van Buren, Manila
MINERAL SPTS—75 dms, 23,690 lbs, Golden Sun, Shanghai; (Golden Cloud) 50 cs, 4,250 lbs, Auckland; 200 cs, 25 dms, 23,720 lbs, Melbourne; 100 cs, 8,500 lbs, Wellington; 5 dms, 1,990 lbs, President Garfield, Canton
OIL, CASTOR—480 lbs, Silversandal, Hongkong
COTTONSEED—(Shunten) 200 dms, 80,000 lbs, Yokohama; 5 dms, 2,000 lbs, Osaka
DIESEL—73,299 bbls, 22,869,290 lbs, Toa, Tsurumi; 100 dms, 39,310 lbs, Providencia, Santa Rosalia; 17,420 bbls, 5,435,040 lbs, Thorhild, Wellington; 42,585 bbls, 13,286,520 lbs, Manju, Yokohama; 56,427 bbls, 17,605,220 lbs, Tachibana, Japan; 2,553 bbls, 796,540 lbs, Captain A F Lucas, Guaymas; 6 dms, 2,500 lbs, Golden Dragon, Saigon; 3,738 bbls, 116,620 lbs, Vinland, Coquimbo
FUEL—13,420 bbls, 4,468,860 lbs, Toa, Tsurumi; 83,130 bbls, 27,682,290 lbs, Thorhild, Wellington; 29,379 bbls, 9,783,210 lbs, La Placentia, Vancouver; 62,768 bbls, 20,901,740 lbs, Eagle, Ocean Falls
LEMON—400 lbs, Hokkai, Osaka; 23 pkgs, 1,480 lbs, Feltre, Marseilles
LUBRICATING—(Rigmor) 290 dms, 142,080 lbs, Melbourne; 95 dms, 46,560 lbs, Adelaide; (Monterey) 33 dms, 16,290 lbs, Sydney; 145 dms, 70,620 lbs, Sydney; 374 cs, 76 dms, 73,480 lbs, Bintang, Manila; 125 dms, 60,920 lbs, Golden Dragon, Saigon; (Deroche) 10 cs, 1,000 lbs, Colon; 429 pkgs, 81,880 lbs, Balboa
PAINT—5,000 lbs, Bintang, Palembang; (Ruth Alexander) 49 pkgs, 2,810 lbs, Calgary; 12 cs, 520 lbs, Victoria; 34 cs, 1,110 lbs, Vancouver
PREPARED—8 dms, 4,000 lbs, President Van Buren, Shanghai
PARAFFIN—17 pkgs, 3,710 lbs, Monterey, Melbourne
PETROLATUM—96 dms, 38,680 lbs, Monterey, Melbourne
PETROLEUM, CRUDE—9,809 bbls, 3,060,410 lbs, Kingsley, Vancouver
POTASH, MURIATE—1,000 bgs, 220,460 lbs, Hokkai, Yokohama; 500 bgs, 100,000 lbs, Felix Taussig, San Juan
PUMICE—500 sks, 33,600 lbs, Kingsley, Vancouver
QUEBRACHO EXTRACT—306 bgs, 32,740 lbs, Monterey, Sydney
ROSIN, GUM—5 bbls, 2,480 lbs, Monterey, Auckland; 12,500 lbs, Golden Cloud, Wanganui
SESAME SEED—120,000 lbs, Feltre, Genoa
SIENNA, RAW—350 lbs, Silversandal, Hongkong
SOAP—640 bxs, 34,280 lbs, President Van Buren, Manila
SODA ASH—5,100 bgs, 1,102,300 lbs, Amerika, Rotterdam; (West Cactus) 1,800 bgs, 198,360 lbs, Santos; 1,200 bgs, 132,240 lbs, Rio de Janeiro; 142 bgs, 26,880 lbs, Golden Cloud, Auckland
BENZOSULPHIMIDE—25 cs, 2,500 lbs, President Van Buren, Shanghai
SOLVENTS—5 cs, 10 dms, 4,110 lbs, Deroche, Balboa
TALC—20 cs, 2,240 lbs, Monterey, Adelaide; 182 sks, 20,160 lbs, President Lincoln, Havana; 50 sks, 10,000 lbs, Santa Elena, Porto Colombia
TALLOW—10,000 lbs, Santa Elena, San Jose
TITANIUM DIOXIDE—1,200 lbs, Silversandal, Hongkong
TOILET PREPS—(Monterey) 150 lbs, Dunedin; 2 cs, 200 lbs, Auckland; 2 cs, 500 lbs, Melbourne; 4 cs, 360 lbs, Christchurch; 1,150 lbs, Santa Elena, Havana; 5 ctns, 420 lbs, Felix Taussig, San Juan
TOLUOL—3,200 lbs, Silversandal, Hongkong
TURPENTINE SPTS—252 gls, Golden Cloud, Timaru

Clearance Dates

Amerika, May 14; Bintang, May 11; Captain A F Lucas, May 10; Chiriqui, May 9; Deroche, May 9; Devon City, May 4; Eagle, May 16; Felix Taussig, May 11; Feltre, May 4; Golden Cloud, Golden Dragon, May 2; Golden Sun, May 9; Hokkai, May 12; James Lawson, May 15; Kingsley, May 5; La Placentia, May 4; Laurits Swenson, May 9; Lochgoil, May 10; Lochkatrine, May 10; Manju, May 13; Monterey, April 27; President Garfield, May 4; President Lincoln, May 3; President Van Buren, April 21; Providencia, May 14; Rigmor, May 12; Ruth Alexander, May 17; San Diego, May 6; Seattle, May 4; Shunten, May 1; Silversandal, May 9; Steel Engineer, May 3; Svolder, May 16; Tachibana, May 10; Thorhild, May 11; Toa, May 15; Trondanger, May 2; Vinland, May 19; West Cactus, May 6

Mobile Exports

LARD—(Maiden Creek), 1,500 bxs, London; 1,000 bxs, Newcastle
PINETAR—4 dms, Nordvangen, Curacao
ROSIN—400 bbls, Sandhamn, London; (Maiden Creek), 200 bbls, London; 150 bbls, Newcastle; (Wacosta), 150 bbls, Liverpool; 25 bbls, Manchester; (Nordvangen), 40 dms, Curacao; 10 cs, 55 dms, La Guaira; 100 bbls, Lokhaven, Rotterdam
STARCH—1,040 bgs, Sandhamn, London
TRIPOLI—200 bgs, Wacosta, Avonmouth
TURPENTINE—300 dms, Maiden Creek, Newcastle

Clearance Dates

Lekhaven, May 11, Maiden Creek, April 15; Nordvangen, May 7; Sandhamn, April 14; Wacosta, April 15

New Orleans Exports

ACID, BORIC—300 sks, St Mary, Vera Cruz
ALUMINA SULPHATE—24 bbls, St Mary, Tampico
ASPHALT—207 sks, Chemnitz, Hamburg; 20 tons, Morazan, Vera Cruz
BAKING POWDER—100 ctns, Contessa, Ceiba
BARYTES—1,000 sks, Contessa, Havana
BENZOL—142 dms, Istria, Las Palmas
BLACK, CARBON—(Waggenwald) 2,320 sks, 147 cs, Bremen; 274 cs, 503 sks, Hamburg; 110 cs, Bremen-Hamburg; (Wiegand) 104 cs, Sydney; 125 cs, Melbourne; 3 cs, Adelaide; 15 cs, Kellerwald, Rotterdam; (Chemnitz) 2,320 sks, Bremen; 334 sks, 15 cs, Hamburg; 13 cs, Bremen-Hamburg transshipment; (Tanimbar) 18 cs, Penang; 600 sks, Batavia; 6 cs, Sourabaya; 37 cs, 10 sks, Assuan, Kobe-Osaka; 225 sks, Istria, Marseilles; (Rydboholm) 10 cs, Oslo; 50 cs, Gothenburg
BONEMEAL—5 sks, Contessa, Panama
BORAX—6 tons, St Mary, Vera Cruz
CARBON BISULPHIDE—300 dms, St Mary, Vera Cruz
CATTLE DIP—25 dms, St Mary, Tampico
CLAY—611 sks, Waggenwald, Hamburg; 600 sks, Chemnitz, Hamburg
COCONUTS—1,102 sks, Atlantida, Ceiba
CREOSOTE—10 bbls, Contessa, Ceiba
DISTILLATE—100 dms, Contessa, Ceiba
FIRECLAY—22 sks, Atlantida, Havana; 2 bxs, Wiegand, Auckland; 7 dms, Rydboholm, Helsingfors
GASOLINE—9 dms, Wawa, Alvaro Obregon; 150 dms, Istria, Las Palmas
GLUCOSE—70 bbls, Wiegand, Auckland
GREASE, LUBRICATING—10 qtr dms, 20 pls, Rydboholm, Oslo
INK—6 dms, Contessa, Callao
KEROSENE—(Atlantida) 70 cs, 2 dms, Puerto Cabezas; 25 cs, Contessa, Puerto Cabezas; (Wiegand) 50 dms, Brisbane; 20 dms, Sydney; 9 dms, Comayagua, Alvaro Obregon; 9 dms, Wawa, Alvaro Obregon
LACQUER—18 dms, St Mary, Vera Cruz
LARD—(Atlantida) 220 dms, 20 tins, Havana; 10 crs, Puerto Cabezas; 15 crts, Contessa, Puerto Cabezas
LEATHER DRESSING—4 tons, St Mary, Tampico
LIME PHOSPHATE—9 bbls, St Mary, Tampico
MOLASSES—55 bbls, Tampa, Copenhagen
OIL, FUEL—(Contessa) 2,000 bbls, Puerto Cabezas; 500 bbls, Ceiba
LUBRICATING—(Contessa) 820 dms, Valparaiso; 3 dms, Ceiba; 130 bbls, Cranford, Havre; (Atlantida) 21 cs, Corinto; 21 dms, Ceiba; 25 dms, Corral; 25 dms, Talcahuano; (Wiegand) 20 dms, Sydney; 75 dms, Melbourne; 202 dms, 250 ctns, 8 cs, St Mary, Tampico; 301 tons, Chemnitz, Hamburg; (Max Albrecht) 300 tons, Antwerp; 300 tons, Rotterdam; 3,370 tons, 340 bbls, Hamburg; 8 dms, Comayagua, Alvaro Obregon; 250 ctns, 1,028 bbls, Istria, Marseilles; (Rydboholm) 15 dms, 47 hf dms, 15 qtr dms, 7 cs, Oslo; 25 bbls, Abo
MINERAL—65 bbls, Istria, Marseilles
PALM—77 dms, Atlantida, Ceiba
PINE—10 dms, Wiegand, Adelaide
PAINT—(Atlantida) 2 tons, Colon; 1 ton, Panama; 26 cs, 47 ctns, Contessa, Panama City; 25 dms, St Mary, Vera Cruz
PETROLEUM—25 dms, Atlantida, Havana; 138 bbls, Wasgenwald, Hamburg
PHOSPHATE—1 ton, St Mary, Tampico
PINETAR—20 dms, Wiegand, Sydney; 10 dms, Tanimbar, Batavia; 5 dms, St Mary, Tampico
POTASH NITRATE—500 sx, Contessa, Ceiba
QUEBRACHO EXTRACT—400 sx, St Mary, Vera Cruz
ROSIN—200 dms, Contessa, Valparaiso; 20 bbls, Wiegand, Brisbane; 200 bbls, Kellerwald, London; (Tampa) 75 dms, 100 bbls, Gothenburg; 50 dms, Wasa; 220 dms, Rydboholm, Kotka
GUM—80 dms, Atlantida, Valparaiso; 75 bbls, Wiegand, Sydney
SALT—(Contessa) 7 tons, Puerto Cabezas; 7 tons, Ceiba; (Atlantida) 55 tons Havana; 2 tons, Puerto Cabezas
SHRIMP MEAL—330 sks, Chemnitz, Hamburg
SODA ASH—17 bbls, Contessa, Ceiba
CAUSTIC—6 dms, Contessa, Colon
SOYBEAN CAKE—300 tons, Tennessee, Copenhagen
FLOUR—40 sks, Tampa, Oslo
STARCH—170 sks, Contessa, Havana
SULPHUR—202 sks, St Mary, Vera Cruz
SUPERPHOSPHATE—5 tons, Morazan, Vera Cruz
TOBACCO EXTRACT—60 bbls, Wasgenwald, Bremen
TRIPOLI—10 sks, Wiegand, Sydney; 21 tons, Kellerwald, Rotterdam; 165 sks, Chemnitz, Hamburg; 300 sks, Tampa, Oslo
TURPENTINE—(Atlantida) 50 cs, Callao; 300 cs, Valparaiso; (Contessa) 100 cs, Callao; 50 cs, Talcahuano; 100 cs, Valparaiso; (Wiegand) 60 dms, Auckland; 9 dms, 25 cs, Brisbane; 25 cs, Sydney; 10 dms, Adelaide
GUM—40 cs, Wiegand, New Plymouth
VARNISH—8 dms, St Mary, Vera Cruz
WAX—153 sks, 84 bbls, Wasgenwald, Hamburg; 102 sks, Kellerwald, Antwerp; 30 tons, Tennessee, Copenhagen; 286 bbls, 75 sks, Chemnitz, Hamburg; 2,303 bbls, Tampa, Gothenburg

Clearance Dates

Assuan, May 2; Atlantida, April 7, 21; Chemnitz, May 15; Comayagua, April 15; Contessa, April 14, 28; Cranford, May 20; Istria, May 14; Kellerwald, May 12; Max Albrecht, May 8; Morazan, April 9; Rydboholm, May 16; St Mary April 3, 16; Tampa, May 9; Tennessee, April 27; Tanimbar, May 22; Wasgenwald, May 4; Wawa, April 18; Wiegand, May 6

Norfolk Exports

AMMONIA SULPHATE—2,020 tons, Johannes Maersk, Alfaqurs
CORN FLOUR—440 bgs, 62,040 bgs, Liberty, Leith
METHANOL—72 dms, 32,421 lbs, Liberty, London
OCHER—2,240 bgs, 362,880 lbs, Liberty, Leith
WAX, APIARISTS—62 bgs, 2,652 lbs, Liberty, Leith

Clearance Dates

Johannes Maersk, May 19; Liberty, May 16

Panama City Exports

STARCH—432 bgs, Hastings, Manchester

Clearance Date

Hastings, May 16

Philadelphia Exports

ALCOHOL, AMYL—6 dms, Argosy, Gothenburg
AMMONIA, ANHYD—10 cyls, City of Hankow, Bombay
ANTI-KNOCK COMP—6 dms, Exchange, Tunis
BENZOL—9 dms, Cubano, Rio de Janeiro; 10 bbls, Harmonides, Capetown; 414,649 gls, Solsten, Havre
BLACK, BONE—(City of Canton) 1 dm, Auckland; 1 dm, Wellington; 2 dms, City of Hankow, Bombay
CARBON—(Argosy) 100 cs, Gdynia; 50 cs, Stockholm
CEMENT, FIBER—1 dm, Scanyork, Copenhagen
HIGH-TEMPERATURE—(City of Canton) 1 dm, Auckland; 1 dm, Wellington
RUBBER—2 dms, Scanyork, Copenhagen
CHEMICALS—1 bx, Chemnitz, Frankfurt
CHROME ORE—45 bgs, City of Canton, Lyttleton
COALTAR PROD—15 pkgs, Breedijk, Rotterdam
COCOA CAKE—873 pkgs, Breedijk, Amsterdam
CLEANING COMP—(Argosy) 1 dm, Copenhagen; 1 bbl, 2 crbys, 2 bxs, Gothenburg; 1 bx, Chemnitz, Hamburg
SCOURING—3 cs, City of Hankow, Haifa
COTTON LINTERS—115 bls, Liberty, London
DYESTUFFS—(Chemnitz) 8 pkgs, Hamburg; 85 pkgs, Reichenburg
ETHYL FLUID—219 dms, Liberty, London
FIRE EXTINGUISHER—17 bxs, Liberty, London
FISHMEAL—1,620 bgs, Breedijk, Rotterdam
GASOLINE—64,224 bbls, Campas, Corunna; 54,900 bbls, Nina Borthen, Lisbon and/or Leixoes; (Harmonides) 300 cs, 1,200 bbls, Capetown; 805 bbls, Mossel; 600 bbls, Port Elizabeth; 100 cs, 900 bbls, East London; 250 cs, Port Natal; 1,000 cs, Beira; 56,390 bbls, Solsten, Antwerp
GRAPHITE—8 bbls, City of Hankow, Calcutta
GREASE—8 dms, Scanyork, Copenhagen
LUBRICATING—3 dms, 5 pails, Washington, Barranquilla; (City of Canton) 20 dms, 5 pkgs, Auckland; 9 dms, Wellington; (San Gabriel) 11 cs, Bucaramanga; 1 dm, Heredia; 2 dms, San Jose; 1 dm, City of Hankow, Bombay; 4 bbls, Nordhavet, Barcelona; (Hermonides) 10 cs, 55 buckets, Capetown; 5 cs, 30 buckets, Mossel; 10 cs, 30 buckets, Port Elizabeth; 38 cs, 30 buckets, East London; 35 cs, 75 buckets, Port Natal; 15 cs, 75 buckets, 5 dms, Lourenco Marques; 5 cs, 30 buckets, Beira; 5 bbls, Argosy, Gothenburg
INK, PRINTING—22 kits, Liberty, London
INSECTICIDE, AGRIC—103 pkgs, City of Hankow, Haifa
ISO OCTANE—2 cs, City of Calcutta, Rangoon
LICORICE EXTRACT—160 cs, Liberty, Hull
LICORICE MASS—4 cs, Tanimbar, Cheribon; 20 pkgs, Breedijk, Rotterdam; (Liberty) 120 cs, London; 100 dms, Hull
LINSEED CAKE—1,580 bgs, Quaker City, Dublin; 630 bgs, Liberty, London
LITHOPONE—1 crby, Argosy, Helsingfors
MEDICINES, HOMEOPATHIC—(City of Hankow) 1 cs, Karachi; 2 cs, Calcutta
MINERAL SPTS—(Harmonides) 10 cs, Capetown; 40 cs, 15 bbls, East London; 200 bbls, Port Natal
MUCILAGE—30 cs, Washington, Cristobal
NAPHTHALENE—57 bxs, Liberty, London
OIL—4 dms, Scanyork, Copenhagen
ENGINE—140 dms, City of Hankow, Calcutta; 70 bbls, Liberty, London
FUEL—250 dms, Harmonides, Beira
ILLUMINATING—18,167 bbls, Nina Borthen, Lisbon and/or Leixoes; (Harmonides) 450 cs, Port Elizabeth; 2,000 cs, Port Natal; 250 cs, Lourenco Marques; 500 cs, Beira
LUBRICATING—(Washington) 20 dms, Barranquilla; 3 dms, Mollendo; 4 dms, Pisco; 5 dms, Puntarenas; (Sea Glory) 20 bbls, Bristol; 20 bbls, Cardiff; (Exchange) 100 ctns, 25 cs, Casablanca; 30 dms, Tangier; 5 dms, Ceuta; (Tanimbar) 322 pkgs, Singapore; 190 pkgs, Port Swettenham; 117 pkgs, Penang; 605 pkgs, Bangkok; 60 pkgs, Sourabaya; (City of Canton) 509 pkgs, Auckland; 12 ctns, 540 pkgs, Wellington; 46 dms, 165 pkgs, Lyttleton; 52 pkgs, Christchurch; 338 pkgs, Dunedin; 30 pkgs, Bluff; 1,888 pkgs, Sydney; 5 pkgs, Suva; (Breedijk) 72 ctns, 85 pkgs, Rotterdam; 66 pkgs, Amsterdam; (San Gabriel) 12 dms, Bucaramanga; 7 dms, Heredia; 6 dms, San Jose; (Noto) 10 dms, 20 pkgs, Yokohama; 700 pkgs, Dairen; (City of Hankow) 191 drums; 17 pkgs, Bombay; 2,000 pkgs, Calcutta; 590 pkgs, Rangoon; 50 pkgs, Port Said; 235 pkgs, Madras; 10 pkgs, Karachi; 259 pkgs, Basra; 372 pkgs, Colombo; 143 bnls, Quaker City, Manchester; 10 bbls, Nordhavet, Milan; 90 pkgs, 445 dms, 36 bbls, Liberty, London; (Nina Borthen) 100 ctns, 218 dms, Lisbon; 620 bbls, 75 dms, 500 cs, 2,750 ctns, Lisbon and/or Leixoes; (Cubano) 10 pkgs, Buenos Aires; 139 pkgs, Asuncion; 1,977 pkgs, Santos; 156 pkgs, Rio Grande do Sul; 296 pkgs, Porte Alegre; (Harmonides) 505 dms, 15 cs, Capetown; 60 dms, Mossel; 485 dms, 19 cs, Port Elizabeth; 425 dms, 25 cs, East London; 880 dms, 147 cs, Port Natal; 485 dms, 350 cs, 25 pkgs, Lourenco Marques; 85 dms, 105 cs, Beira; (Argosy) 106 pkgs, 223 bbls, 2 dms, Gdynia; 56 ctns, 4 dms, 25 bbls, Gothenburg; 1 dm, 1 bx, Stockholm; 4 dms, Helsingfors; (Max Albrecht) 221,128 gls, 500 bbls, Hamburg; 282,285 gls, Antwerp; 157,405 gls, Rotterdam; 537,648 gls, London; (Chemnitz) 159 pkgs, a quantity in bulk, Hamburg; 24 pkgs, Vienna; 7 pkgs, Bucharest
TRANSFORMER—15 bbls, Liberty, London
PAINT—1 cs, 9 dms, 92 pls, Scanyork, Copenhagen; 1 cs, 7 dms, 38 pls, Lehigh, Cork; 10 bxs, Nina Borthen, Lisbon and/or Leixoes; 1 dm, Argosy, Gothenburg
THINNER—6 dms, City of Hankow, Cairo
PARAFFIN—171 bbls, 102 bgs, Sea Glory, Bristol; 762 bgs, Exchange, Casablanca; 128 bbls, Quaker City, Manchester; 762 bgs, Nordhavet, Casablanca; (Liberty) 1,275 bgs, London; 82 bgs, Dundee
PITCH, COALTAR—40 dms, San Gabriel, Cristobal
POMACE, APPLE—998 bgs, Sea Glory, Bristol
PRIMER—4 dms, Argosy, Stockholm
RESIN, COALTAR—13 dms, Liberty, London
SAND, FILTER—382 bgs, Nordhavet, Barcelona
SCOURING COMP—3 cs, City of Hankow, Haifa
SOAP, LAUNDRY—300 bxs, Sea Glory, Bristol; (Lehigh) 600 bxs, London; 300 bxs, Hull
SODA ASH—6 dms, City of Hankow, Bombay; 1 crate, Argosy, Stockholm

TANNING MATERIAL—5 kgs, City of Hankow, Bombay
TAR, BONE—25 dms, Sea Glory, Bristol
TETRONE—1 bx, Liberty, London
ZINC OXIDE—500 kits, San Gabriel, Cristobal

Clearance Dates

Argosy, May 19; Breedijk, May 13; Chemnitz, May 21; City of Canton, May 11; City of Hankow, May 19; Cubano, May 18; Exchange, May 13; Harmonides, May 18; Lehigh, May 14; Liberty, May 18; Max Albrecht, May 15; Nina Borthen, May 19; Nordhavet, May 20; Noto, May 18; Quaker City, May 18; San Gabriel, May 16; Scanyork, May 13; Sea Glory, May 15; Tanimbar, May 14; Washington, May ——

Port Arthur Exports

ASPHALT—120 bbls, 130 dms, Brasil, Antwerp; 40 dms, 40 cs, Corisco, Havana
LIQUID—20 dms, Dryden, Opon
PETROLEUM—(Dryden) 400 dms, Manila; 50 dms, Hongkong; (Quistconck) 2,490 dms, Genoa-Naples; 2,734 dms, Genoa-Civitavecchia; 9 bxs, Corisco, Havana
SOLID—(Dryden) 960 dms, Yokohama-Kobe; 500 dms, Shanghai; 1,275 dms, Hongkong
CLEANING COMP—2 cs, Dryden, Manila
DISTILLATE—830 bbls, Belgian Gulf, Antwerp
GASOLINE — (Brasil) 50,240 bbls, Antwerp; 27,985 bbls, Amsterdam; (Corisco) 300 cs, 35 dms, San Pedro Sula; 325 bbls, San Salvador
GREASE, LUBRICATING—(Dryden) 290 dms, Shanghai; 205 dms, 25 ctgs, 85 cs, Manila; 220 dms, 25 cs, Opon; 725 dms, 1,400 cs, Dairen; 400 dms, Hongkong; (Quistconck) 1,020 bbls, 185 dms, 15 cs, 15 half bbls, Genoa; 4 cs, Venice; 185 dms, 212 bbls, 65 cs, Brasil, Antwerp; (Corisco) 285 dms, 815 cs, Havana; 60 dms, 180 cs, Santiago
KEROSENE — 2 dms, Quistconck, Venice; (Brasil) 3,775 bbls, Antwerp; 11,486 bbls, Amsterdam; (Corisco) 30 bbls, 600 ctns, Ceiba; 200 ctns, Tegucigalpa
OIL, DIESEL—2,785 bbls, Brasil, Amsterdam; (Corisco) 95 bbls, Tegucigalpa; 192 dms, San Salvador
GAS—45,720 bbls, Belgian Gulf, Antwerp
LUBRICATING—(Dryden) 370 dms, 267 cs, Kobe-Yokohama; 430 dms, Shanghai; 1,705 dms, 875 cs, Manila; 640 dms, Opon; 1,055 dms, Dairen; 610 dms, 100 cs, Hongkong; (Quistconck) 100 dms, Trieste; 95 bbls, Naples; 80 bbls, 70 dms, 10 half bbls, Venice; 450 dms, 60 bbls, Brasil, Antwerp; (Corisco) 110 dms, 220 cs, Havana; 30 dms, 2 cs, Puerto Barrios; 32,453 bbls, 65 dms, 72 ctns, Belgian Gulf, Antwerp
WAX—(Quistconck) 3,118 bgs, Genoa-Naples; 2 bbls, Venice
DRESSING—2 dms, Corisco, Havana
REFINED—1,000 bxs, Dryden, Manila

Clearance Dates

Belgian Gulf, May 2; Brasil, April 29; Corisco, April 30; Dryden, April 10; Quistconck, April 25

San Francisco Exports

ABRASIVE PAPER—1 bdl, President Garfield, Manila
ACETATE—1 dm, Maunganui, Christchurch
AMYL—2 dms, Maunganui, Wellington
BUTYL—(Maunganui) 5 dms, Wellington; 1 dm, Maunganui, Auckland
ACETONE—1 dm, President Garfield, Bahrein
ACID—1 cs, Providencia, Santa Rosalia
ACETIC—9 cs, President Garfield, Shanghai; 2 cs, Capac, Amapala
ACETYLSALICYLIC—(President Garfield) 3 kgs, 9 cs, Shanghai; 13 cs, Singapore
BENZOIC—1 cs, President Garfield, Shanghai
FATTY—100 ks, Chiriqui, Panama
MURIATIC—25 cs, Providencia, Santa Rosalia
NITRIC—1 bbl, 1 cs, Providencia, Santa Rosalia
SALICYLIC—5 cs, President Garfield, Singapore
SULPHURIC—1 cs, Providencia, Santa Rosalia; 25 crbys, City of Christchurch, Philippine Islands
TARTARIC—1 bbl, Capac, La Libertad
ALCOHOL, BUTYL—5 dms, Kingsley, Victoria
ALUMINA SAND—16 sks, Siantar, Beira
AMMONIA, ANHYD—10 cyls, Chiriqui, Aruba; (President Garfield) 77 cyls, Manila; 7 cyls, Providencia, Santa Rosalia
GAS—20 cyls, President Garfield, Philippine Islands
APRICOT—KERNELS — 50 sks, Amerika, Copenhagen
ASPHALT—(Maunganui) 101 dms, Sydney; 50 dms, Brisbane; 118 bbls, Laurits Swenson, Liverpool; (President Garfield) 1 cs, Singapore; 20 dms, Hankow; 10 dms, Bokuyo, Callao; (Siantar) 100 dms, Capetown; 304 dms, 30 cs, Port Elizabeth
CRUDE—223 sks, Laurits Swenson, Liverpool; 72 sks, Siantar, Durban
SOLID—255 dms, Capac, Corinto
BAKING POWDER—3 cs, Maunganui, Papeete; 1 cs, President Garfield, Saudi
BAY LEAVES—1 cs, Providencia, Santa Rosalia
BIOLOGICALS—1 cs, Maunganui, Sydney
BLACK, CARBON—2 cs, President Garfield, Hongkong
LAMP—1 cs, President Garfield, Shanghai
BLUE, LAUNDRY—2 cs, President Garfield, Shanghai
BORAX—5 bgs, Capac, La Union
POWDERED—1 keg, Providencia, Santa Rosalia
CALCIUM PHOSPHATE—57 sks, Maunganui, Wellington
CAFFEIN POWD—2 cs, Maunganui, Sydney
CAMPHOR, REFD—1 cs, Providencia, Santa Rosalia
CARBON BISULPHATE—9 dms, Capac, San Miguel
BISULPHIDE—(Capac) 20 dms, La Union; 10 dms, La Libertad
CEMENT, ROOF—7 cs, President Garfield, Singapore; 18 cs, 3 dms, Siantar, Durban
VULCANIZING—20 cs, Siantar, Capetown
CHEMICAL SOL—1 cs, Maunganui, Sydney
CHEMICALS—(Maunganui) 1 cs, Sydney; 8 crts, Wellington; 124 dms, Loch Goil, England; 1 cs, Kingsley, Vancouver; 2 cs, City of Christchurch, Philippine Islands
CHLORINE BLEACH, LIQ—4 cs, Maunganui, Papeete
CINNAMON—2 bls, Chiriqui, Colon; (Capac) 20 bls, Potosi; 15 bls, Santa Ana; 40 bls, Uyuni; 7 bls, Amapala; 10 bl, Champerico
CLEANING FLUID—5 cs, President Garfield, Bahrein
CLEANSER—4 bbls, Kingsley, Vancouver
HOUSEHOLD—(President Garfield) 2 cs, Saudi; 3 cs, President Garfield, Bahrein
COALTAR—8 cs, Providencia, Santa Rosalia
INTERMEDIATES—16 dms, President Garfield, Osaka
COLOR, DRY—2 bbls, Capac, Manzanillo
CORK, GRANULATED—12 sks, President Garfield, Philippine Islands
SHEET—1 cs, President Garfield, Bahrein
CREAM TARTAR—1 keg, Capac, La Union
CUMIN SEED—2 sks, Capac, Amapala
DENTIFRICES—2 cs, Maunganui, Papeete; (Chiriqui) 1 cs, Coco Solo; 1 cs, Cristobal; (President Garfield) 10 cs, Tientsin; 3 cs, Hongkong
DRESSING, SHOE—1 cs, Maunganui, Papeete
ENAMEL—(Capac) 149 pls, San Jose de Costa Rica; 51 pls, Mexico City; 8 cs, Maunganui, Wellington; 5 cs, Siantar, Port Elizabeth
EPSOM SALT—200 sks, Capac, La Paz
FILLER, WOOD—1 cs, Maunganui, Wellington; 1 pl, 1 cs, Siantar, Capetown
FILTER PAPER—1 cs, City of Christchurch, Philippine Islands
FIRECLAY—20 sks, Chiriqui, Panama
FREEZING COMP—20 dms, President Garfield, Shanghai
GAS, CARBONIC—3 cyls, Maunganui, Papeete
GASOLINE—500 cs, Providencia, Santa Rosalia; (Capac) 2,000 dms, Puntarenas; 25 dms, Champerico; 25 dms, San Jose de Guatemala
GELATIN—2 dms, Capac, San Jose de Costa Rica
GLUCOSE—120 bbls, President Garfield, Manila
GLUE—10 cs, Kingsley, Vancouver
DRY—5 cs, President Garfield, Manila
LIQUID—1 dm, 2 kegs, Kingsley, Vancouver
GREASE, LUBRICATING—(President Garfield) 30 cs, Kobe; 13 dms, 10 cs, Singapore; 115 cs, Philippine Islands; 7 dms, Kingsley, Vancouver; 2 pls, Providencia, Santa Rosalia; 9 dms, 20 cs, Capac, Buenaventura
MINERAL—1 cs, Capac, Callao
GUM, INDIAN—1 dm, Maunganui, Wellington
TRAGACANTH—1 cs, Maunganui, Wellington
HEPTANE, NORMAL—2 cs, President Garfield, Rangoon
HOPS—5 cs, President Garfield, Manila
HYDROGEN, PEROXIDE—1 cs, President Garfield, Tientsin
INK, ARTISTS'—1 cs, City of Christchurch, Philippine Islands
PRINTING—(President Garfield) 10 hlf bbls, 15 pls, 5 dms, 8 cs, Manila; 8 cs, Manila; 5 dms, Singapore; (Capac) 88 dms, 20 hlf dms, 25 qtr dms, 55 pls, Valparaiso; 10 dms, Manzanillo
WRITING—(President Garfield) 1 cs, Hongkong; 1 cs, Manila; 1 cs, Providencia, Santa Rosalia
INSECTICIDE—1 cs, Chiriqui, Guayaquil; 8 ctns, 10 cs, 5 bbls, Capac, Buenaventura
LIQUID—22 cs, President Garfield, Bahrein
KEROSENE—175 cs, Capac, Puntarenas
LACQUER—2 dms, 1 cs, 2 pls, Maunganui, Wellington; 1 cs, President Garfield, Manila; (Kingsley) 11 cs, Victoria; 39 cs, 3 dms, Vancouver; 10 cs, Calgary; (Siantar) 4 dms, 4 pls, 22 cs, Capetown; 5 cs, East London; 6 cs, Salisbury; 36 cs, Port Elizabeth; (Capac) 275 pls, 16 cs, Mexico; 2 pls, Mexico City; 10 pls, Guadalajara
THINNER—(Kingsley) 3 kits, 1 dm, Victoria; 8 cs, Vancouver; 2 dms, Calgary; (Siantar) 12 dms, 75 pls, Port Elizabeth; 29 pls, 2 dms, 8 cs, East London; 60 pls, Capetown
LARD—3,000 cans, Chiriqui, Panama
SUBSTITUTE—(Maunganui) 2 cs, Sydney; 1 cs, Papeete; 3 cs, Chiriqui, Cristobal; 2 cs, President Garfield, Saudi
LEAD, RED, DRY—6 dms, President Garfield, Hongkong; 5 kegs, Providencia, Santa Rosalia
WHITE—2 dms, Maunganui, Papeete
LIGHTER FLUID—2 bbls, Kingsley, Vancouver
LINSEED CAKE—2,200 sks, Lochgoil, England; 1,000 sks, Amerika, Copenhagen
LITHARGE—6 dms, President Garfield, Hongkong
LITHOPONE—10 bbls, Maunganui, Wellington
LYE—1 cs, Capac, San Jose de Costa Rica
MEDICINAL PREPS—(Maunganui) 5 cs, Melbourne; 7 cs, Papeete; (President Garfield) 18 pkgs, Bombay; 20 pkgs, Madras; 5 cs, Hongkong; 6 cs, Seoul; 1 cs, Capac, Puntarenas
METHYL SAL—4 dms, President Garfield, Shanghai
MILK POWDER—50 bbls, City of Christchurch, Philippine Islands; 3 cs, President Garfield, Saudi
MINERAL SPITS—(Capac) 1 dm, Buenaventura; 1 dm, Valparaiso
NICOTINE SULPHATE—80 cs, Maunganui, Wellington
NUTMEGS—3 sks, Capac, Santa Ana
OIL, CHINAWOOD—25 dms, Kingsley, Vancouver
COCONUT—(Chiriqui) 10 dms, Puerto Armuelles; 25 dms, Lima; 110 dms, Capac, Puntarenas
CYLINDER—10 dms, Chiriqui, Guayaquil; 2 dms, President Garfield, Singapore
DIESEL—20 dms, Maunganui, Papeete; (Capac) 25 dms, La Union; 40 dms, Amapala
FISH, HARDENED—300 bbls, Laurits Swenson, Dublin; 20 sks, Capac, Amapala
FUEL—6,790 bbls, Maunganui, Papeete
GEAR—1 dm, Maunganui, Papeete
LINSEED—6 kgs, 3 cs, Maunganui, Papeete
LUBRICATING—(Maunganui) 1 cs, 30 dms, Sydney; 1 cs, Napier; 7 dms, Papeete; (Chiriqui) 20 dms, Kingston; 2 dms, Puerto Armuelles; (President Garfield) 305 dms, 1 cs, Kobe; 365 dms, Penang; 180 dms, 1 cs, Bombay; 30 dms, Shanghai; 88 dms, 10 cs, Singapore; 2 cs, 2 dms, Kingsley, Vancouver; 10 dms, City of Christchurch, China; 2 bbls, 6 pls, Santa Rosalia; (Siantar) 1 cs, Capetown; 50 dms, Lourenco Marquis; (Capac) 12 dms, Puntarenas; 120 dms, Buenaventura; 3 dms, Santa Ana; 7 dms, La Union; 9 dms, Guayaquil
SALAD—(Maunganui) 2 cs, Sydney; 7 cs, Papeete; 1 cs, Chiriqui, Cristobal; (President Garfield) 127 cs, Shanghai; 70 cs, Manila; 15 cs, City of Christchurch, Philippine Islands
TRANSMISSION—1 dm, Chiriqui, Guayaquil
VEGETABLE—6 cs, Maunganui, Wellington
PAINT—(Maunganui) 6 pls, Christchurch; 10 cs, Wellington; 2 pkgs, Papeete; (President Garfield) 40 cs, Manila; 10 dms, 25 cs, 25 pls, Singapore; 160 pls, 1 cs, Shanghai; 1 cs, Bombay; 2 dms, 8 cs, Madras; 40 kgs, 13 cs, Manila; 35 pls, Bokuyo, Callao; (Siantar) 36 cs, 3 dms, Capetown; 10 cs, Lourenco Marques; 51 cs, 43 dms, Durban; 10 pls, Vereeniging; (Capac) 521 pls, 2 dms, Mexico; 66 pls, 6 dms, San Jose de Costa Rica; 10 pls, Mexico City; 5 pls, Callao
AUTO—(Kingsley) 21 cs, Vancouver; 5 cs, Victoria; 5 cs, Calgary
LIQUID—74 pls, President Garfield, Philippine Islands
PREPARED—3 cs, Maunganui, Papeete; (President Garfield) 3 dms, 1 cs, Shanghai; 25 kgs, 308 cs, Manila
THINNER—1 cs, Kingsley, Vancouver
PARAFFIN—28 dms, President Garfield, Shanghai
PEPPER—10 dms, Chiriqui, Colon; (Capac) 5 sks, La Union; 4 sks, Santa Ana; 5 sks, Uyuni; 5 bls, Amapala
BLACK—1 bg, Providencia, Santa Rosalia
PETROLEUM—(President Garfield) 100 bbls, Kobe; 12 cs, Bahrein; 2 dms, Siantar, Capetown; 750 cs, 25 dms, Durban; 2 dms, Capac, Puntarenas
REFINED—500 cs, Capac, La Union
PHARMACEUTICALS — (President Garfield) 1 cs, Bombay; 1 cs, Dairen
PHTHALIC ANHYDRIDE—1 cs, President Garfield, Shanghai
PIGMENT, CHEMICAL—1 cs, Maunganui, Sydney
POLISH, METAL—30 cs, Shunten, Japan; 1 cs, President Garfield, Bahrein; 3 bbls, 100 cs, Kingsley, Vancouver
SHOE—2 cs, President Garfield, Tientsin
POLISHING MATERIAL—1 pl, Maunganui, Wellington; (Siantar) 11 cs, 4 pls, Port Elizabeth; 2 cs, East London; 3 cs, Capetown
POTASH ETHYL XANTHATE—1 dm, Loch Goil, England
PERMANGANATE — 1 cs, City of Christchurch, Philippine Islands
XANTHATE—20 dms, Chiriqui, Coquimbo; 40 dms, Kingsley, Vancouver; 120 dms, Siantar, N'Dola; 1 cs, Amerika, Gothenburg
PUTTY—10 kegs, President Garfield, Manila; (Siantar) 1 cs, Port Elizabeth; 1 cs, Capetown; 1 pl, Capac, Mexico City
PYRETHRUM EXTRACT—1 cs, Maunganui, Sydney
QUICKSILVER—1 cs, Capac, Buenaventura
SALT — 74 sks, 12 bbls, 2 cs, Maunganui, Papeete; (President Garfield) 35 cs, Manila; 8 cs, Shanghai; 30 bbls, 1,820 sks, 300 cs, 509 tons, Kingsley, Vancouver
IODIZED—100 cs, Kingsley, Vancouver
SALTPETER—10 kegs, Maunganui, Wellington
SAND—331 dms, City of Christchurch, Philippine Islands; 323 tons, Providencia, Santa Rosalia
SHELLAC, ORANGE—1 cs, Providencia, Santa Rosalia; 1 bg, Capac, Amapala
SILVER NITRATE—1 cs, Providencia, Santa Rosalia
SOAP—(Chiriqui) 5 cs, Coco Solo; 3 cs, Cristobal
LAUNDRY—71 cs, Chiriqui, Balboa
LIQUID—2 dms, Maunganui, Wellington
SALT WATER—120 cs, Chiriqui, Balboa
TOILET—21 cs, Maunganui, Papeete; 100 cs, Chiriqui, Panama City; (President Garfield) 2 cs, Tientsin; 50 cs, Harbin; 1 cs, Hongkong; 1 cs, Capac, Corinto
SODA—10 cs, Maunganui, Sydney; (President Garfield) 10 cs, Mukden; 5 cs, Harbin; 3 cs, Singapore; 6 cs, Philippine Islands
ASH—4 bbls, Providencia, Santa Rosalia
BENZOATE—2 cs, President Garfield, Shanghai
BICARBONATE—3 cs, Maunganui, Papeete
CAUSTIC — 4 dms, Providencia, Santa Rosalia; 1 dm, Corinto; 3 dms, Amapala
ETHYL XANTHATE—200 dms, Kingsley, Kimberley
SILICATE — 10 dms, President Garfield, Singapore; 10 bbls, Kingsley, Vancouver; 4 dms, Providencia, Santa Rosalia; 1 dm, Capac, Corinto
SOLVENT, BATHROOM—1 cs, President Garfield, Saudi
PETROLEUM—(Maunganui) 9 dms, Wellington; 3 dms, Christchurch; 3 dms, Auckland; 4 dms, Capac, Mexico
STARCH, CORN—5 cs, Maunganui, Papeete
SULPHUR—100 sks, Siantar, Lourenco Marques
REFINED—300 sks, Maunganui, Sydney
FLOWERS—45 sks, Maunganui, Sydney
TALLOW—(Capac) 108 dms, Corinto; 10 dms, Puntarenas; 4 dms, Amapala
TANBARK EXTRACT—1 bbl, Kingsley, Victoria
TAPIOCA—10 sks, Capac, Guayaquil
THYME LEAVES—60 sks, Maunganui, Wellington
TOILET PREPS—5 cs, Maunganui, Papeete; 1 cs, Chiriqui, Coco Solo; (President Garfield) 2 cs, Tientsin; 13 cs, Singapore; 50 cs, Kingsley, Vancouver
TURPENTINE, GUM SPTS—(Maunganui) 5 dms, Wellington; 1 cs, Papeete
VARNISH—(President Garfield) 1 cs, Shanghai; 262 cs, Philippine Islands; 2 cs, Providencia, Santa Rosalia; (Capac) 10 cs, Mexico; 6 dms, San Jose de Costa Rica; 2 dms, 1 pl, Mexico City; 2 dms, 1 pl, Mexico City, 7 cs, Quito
ASPHALT—42 cs, President Garfield, Philippine Islands
WAX, FLOOR—1 cs, Maunganui, Papeete
FLOOR LIQUID—5 dms, Kingsley, Vancouver
POLISHING—1 cs, Maunganui, Papeete
YEAST—1 cs, Chiriqui, Puerto Armuelles
ZINC DUST—25 cs, Chiriqui, Ciudad Bolivar; 10 dms, City of Christchurch, Philippine Islands; (Capac) 60 cs, Amapala; 20 cs, La Union

Clearance Dates

Amerika, May 12; Bokuyo, May 12; Capac, May 12; Chiriqui, May 7; City of Christchurch, May 11; Kingsley, May 8; Laurits Swenson, May 7; Loch Goil, May 8; Maunganui, May 6; President Garfield, May 8; Providencia, May 12; Shunten, May 7; Siantar, May 12

Savannah Exports

GLUCOSE—60 bbls, Chinese Prince, Manila
ROSIN, GUM—(Schoharie) 140 bbls, Liverpool; 350 bbls, Glasgow; 250 bbls, Chinese Prince, Shanghai
TURPENTINE, GUM—(Schoharie) 375 bbls, Liverpool; 100 bbls, Avonmouth; 1,000 bbls, Bristol
WOOD—25 cs, Chinese Prince, Manila

Clearance Dates

Chinese Prince, May 18; Schoharie, May 19

Tampa Exports

FERTILIZER—8 sx, Cisne, Belize
GASOLINE—2 dms, Sally, Belize
PHOSPHATE — 1,495 tons, West Cobalt, Fiume; 6,429 tons, Pajala, Hamburg; 4,484 tons, Vigor, Landskrona; 3,836 tons, Westmoreland, Hamburg

Clearance Dates

Cisne, May 14; Pajala, May 18; Sally, May 16; Vigor, May 18; West Cobalt, May 12; Westmoreland, April 1

Shipments Between Domestic Ports

Corpus Christi Coast Trade

OIL, GAS—21,633 bbls, Agwiworld, New York
PETROLEUM, CRUDE—32,800 bbls, Federal, Port Arthur; 76,321 bbls, Derbyline, Port Arthur; 47,462 bbls, E R Kemp, Port Arthur; 28,321 bbls, Alabama, Port Arthur; 139,115 bbls, Charles G Black, Baytown; 48,820 bbls, Thermo, Texas City; 75,594 bbls, S B Hunt, Baytown; 140,498 bbls, John D Archbold, Baytown; 112,123 bbls, W C Teagle, Baytown

Los Angeles Coast Trade

GASOLINE—4,558 bbls, La Purisima, San Diego; 45,622 bbls, Warwick, Martinez; 3,540 bbls, S & C No 41, San Diego; 11,114 bbls, La Purisima, Oleum; 29,627 bbls, Kekoskee, Seattle; 74,156 bbls, Cathwood, Oleum; 102,007 bbls, Comet, Portland; 4,000 bbls, S & C No 2, San Diego; 71,284 bbls, Mojave, Seattle; 40,819 bbls, Deroche, Tiverton
KEROSENE—754 bbls, La Purisima, San Diego; 2,551 bbls, La Purisima, Oleum
OIL, DIESEL—624 bbls, S & C No 41, San Diego; 26,338 bbls, Kekoskee, Seattle; 9,000 bbls, Comet, Portland; 3,600 bbls, Mojave, Seattle; 12,773 bbls, El Cedro, Tacoma; 66,797 bbls, Emidio, Portland
FUEL—16,034 bbls, La Purisima, San Diego; 5,135 bbls, Carriso, Seattle; 50,148 bbls, Topila, Seattle; 3,600 bbls, Comet, Portland; 66,684 bbls, Tejon, Davenport, 7,883 bbls, Mojave, Seattle
FURNACE—958 bbls, La Purisima, San Diego; 2,183 bbls, La Purisima, Portland
SOLVENT, CLEANING — 2,585 bbls, La Purisima, Oleum; 33,339 bbls, Deroche, Paulsboro

Pensacola Coast Trade

IRON OXIDE—5 tons, Hastings, Gulfport

San Francisco Coast Trade

ACID—135 crbys, Silverado, Seattle
MURIATIC—10 crbys, Oregonian, Seattle
AGAR AGAR—2 cs, Ohioan, Portland, Ore
ALBUMEN, HEN. DUCK—33 cs, Pennsylvania, New York
EGG, HEN—20 bbls, Peter Kerr, New York
20 cs, Pennsylvania, New York
ALCOHOL—15 tons, Cadaretta, Seattle
ALUMINA SULPHATE—600 sks, Point San Pablo, Portland, Ore
1,000 sks, Brookings, Long View
600 sks, Brookings, Portland, Ore
ASPHALT—300 bbls, Brookings, Long View
18 tons, Cadaretta, Olympia
BLACK, LAMP—105 cs, Columbian, Portland, Ore
BONE MEAL—15 tons, Glymont, Seattle
300 sks, Brookings, Portland, Ore
300 sks, Silverado, Seattle
BRISTLES—176 cs, Peter Kerr, Baltimore
167 cs, Pennsylvania, New York
CARBON BISULPHIDE—15 tons, Cadaretta, Tacoma
CASEIN—10 tons, Edgar F Luckenbach, New York
CASSIA—2 bls, Peter Kerr, New York
200 bls, Pennsylvania, New York
CHARCOAL, ANIMAL—49 tons, Missourian, New York
CHEMICALS—15 tons, Pennsylvania, New York
CHLORINE BLEACH, LIQUID—4,000 cs, Point Caleta, New Orleans
20 tons, Peter Kerr, Savannah
165 tons, Peter Kerr, Albany
1,500 cs, Panaman, Norfolk
5,500 cs, Panaman, Philadelphia
500 cs, Dorothy Wintermote, Seattle
11,000 cs, Willkeno, Baltimore
800 cs, Missourian, Charleston
6,500 cs, Missourian, Philadelphia
13 tons, Cadaretta, Tacoma
800 cs, Silverado, Seattle
CLAY, CALCINED—23 tons, Missourian, New York
CLEANER, AUTO—2 cs, J A Moffett, Ketchikan
COBALT, LIQUID—11 tons, Pennsylvania, New York
COCONUT, DESIC—5 tons, Peter Kerr, Jacksonville
23 tons, Peter Kerr, Savannah
28 tons, Peter Kerr, Baltimore
17 tons, Peter Kerr, Norfolk
625 cs, Peter Kerr, New York
516 cs, Edgar F Luckenbach, New York
244 cs, Panaman, Norfolk
6,150 cs, Panaman, New York
125 cs, Panaman, Philadelphia
141 cs, President Hoover, Los Angeles
150 cs, Willkeno, Savannah
513 cs, Missourian, New York
8 cs and 130 tons, Pennsylvania, New York
17 tons, Felix Taussig, Baltimore
10 tons, Felix Taussig, Baltimore
10 tons, Felix Taussig, Norfolk
CORKS—20 bls, Oregonian, Seattle
DERRIS ROOT—4 bls, Peter Kerr, New York
EGG YOLK, HEN—158 cs, Pennsylvania, New York
ETHYLENE DIBROMIDE—15 tons, Missourian, Philadelphia
FERTILIZER—1 bg, Oregonian, Tacoma
500 pkgs, West Planter, Portland, Ore
NITRATE PHOSPHATE—4 bgs, Ohioan, Portland, Ore
FILTER MASS—1 bl, Oregonian, Seattle
GLYCERIN—20 tons, Pennsylvania, New York
GREASE, LUBRICATING—32 tons, Missourian, Port Newark
7 cs, J A Moffett, Ketchikan
GUM COPAL—303 sks, Peter Kerr, New York
62 sks, Pennsylvania, New York
HONEY—12 tons, Pennsylvania, New York
HOPS—5 bls, Point Caleta, New Orleans
7 tons, Pennsylvania, New York
INSECTICIDE—122 tons, Glymont, Seattle
900 cs, West Planter, Portland, Ore
IRON OXIDE—40 tons, Edgar F Luckenbach, New York
KALSOMINE—20 tons, Glymont, Seattle
LACQUER—2 cs, Ohioan, Portland, Ore
LARD, VEGETABLE—64 tons, Peter Kerr, Jacksonville
50 tons, Peter Kerr, Savannah
32 tons, Willkeno, Savannah
LIME—600 sks, Dorothy Wintermote, Seattle
600 sks, West Planter, Portland, Ore
700 sks, Admiral Laws, Seattle
LITHARGE—18 tons, Felix Taussig, Brooklyn
MAGNESIA CARBONATE—13 tons, Edgar F Luckenbach, New York
PASTE—1 dm, Point Caleta, Corpus Christi
MAGNESITE—36 tons, Edgar F Luckenbach, New York
MEDICINAL PREPS—34 cs, Oregonian, Portland, Ore
11 cs, Oregonian, Portland, Ore
MENTHOL—50 cs, Peter Kerr, New York
MILK POWDER—20 tons, Missourian, New York
42 tons, Pennsylvania, New York
MUSTARD SEED—280 sks, Peter Kerr, Albany
672 sks, Peter Kerr, New York
311 sks, Willkeno, Baltimore
NAVAL STORES—27 tons, Glymont, Seattle
OIL—1,500 pkgs, Dorothy Wintermote, Point Wells
600 pkgs, Brookings, Astoria
550 pkgs, Brookings, Long View
2,860 pkgs, Brookings, Willbridge
2,000 pkgs, Silverado, Point Wells
COCONUT—20 dms, Oregonian, Seattle
DIESEL—26,000 bbls, J A Moffett, Ketchikan
FISH—507 tons, Peter Kerr, Bayonne
FUEL—7,500 bbls, Tacoma, Seattle
LUBRICATING—1 dm, 12 cs, Columbian, Portland, Ore
140 dms, Point Galeta, New Orleans
20 pls, 50 dms, 16 cs, J A Moffett, Ketchikan
MUSTARDSEED—150 dms, Peter Kerr, New York
OLIVE—1 dm, Point Caleta, New Orleans
1 dm, Point Caleta, Houston
PETROLEUM—140 dms, Point Caleta, New Orleans
5 cs, J A Moffett, Ketchikan
RAPESEED—150 dms, Peter Kerr, New York
PAINT—17 cs, Oregonian, Seattle
9 cs, Oregonian, Tacoma
19 tons, Glymont, Seattle
31 cs, Ohioan, Portland, Ore
DRY—400 pkgs, Point San Pablo, Portland, Ore
EARTH—2 tons, Peter Kerr, Baltimore
ROOFING—5 pls, J A Moffett, Ketchikan
PEANUTS—600 sks, Peter Kerr, Albany
350 sks, Peter Kerr, New York
30 cs, Ohioan, Portland, Ore

PEPPER, BLACK—67 sks, President Hoover, Los Angeles
PETROLEUM GAS, LIQUID—25 cyls, Point San Pablo, Portland, Ore
30 cyls, J A Moffett, Ketchikan
PRODUCTS—45 tons, Cadaretta, Seattle
PITCH, BREWERS—2 cs, Oregonian, Tacoma
POLISH, FURNITURE—8 cs, Oregonian, Seattle
5 cs, J A Moffett, Ketchikan
STOVE—2 cs, Oregonian, Seattle
POTASH CAUSTIC—12 tons, Panaman, Philadelphia
FERMANGANATE—5 dms, Oregonian, Seattle
PRIMING SOLUTION—7 cs, J A Moffett, Ketchikan
PRUNE JUICE—31 tons, Peter Kerr, Albany
PYRETHRUM FLOWERS—150 bls, Peter Kerr, New York
SALT—500 sks, and 1,000 tons, Point San Pablo, Tacoma
900 pkgs, Point San Pablo, Seattle
1,500 pkgs, Point San Pablo, Portland, Ore
500 pkgs, Dorothy Wintermote, Tacoma
3,000 pkgs, Dorothy Wintermote, Seattle
3,000 pkgs, West Planter, Portland, Ore
900 sks, Admiral Laws, Seattle
1,368 pkgs, Brookings, Astoria
90 pkgs, Brookings, Long View
3,268 pkgs, Brookings, Portland, Ore
34 tons, Cadaretta, Olympia
3,000 pkgs, Silverado, Seattle
SHELLAC—2 cs, Ohioan, Portland, Ore
SOAP—11 cs, Columbian, Portland, Ore
1,200 pkgs, Brookings, Portland, Ore
SODA—18 tons, Cadaretta, Seattle
44 tons, Cadaretta, Tacoma
ASH—800 sks, Admiral Laws, Seattle
SILICATE—19 tons, Cadaretta, Olympia
50 dms, Silverado, Tacoma
SPRAY, TREE—800 dms, 900 cs, Point San Pablo, Portland, Ore
500 dms, West Planter, Portland, Ore
500 dms, Silverado, Seattle
SURGICAL DRESSINGS—6 cs, Oregonian, Seattle
TALC—700 sks, Admiral Laws, Seattle
TALLOW—28 tons, Peter Kerr, Baltimore
2 pkgs, Peter Kerr, New York
82 tons, Edgar F Luckenbach, Philadelphia
41 tons, Edgar F Luckenbach, New York
TANKAGE—3,360 sks, West Planter, Portland, Ore
TOILET PREPS—121 pkgs, Point Caleta, New Orleans
41 cs, Point Caleta, Corpus Christi
VARNISH—6 dms, Point Caleta, New Orleans
1 cs, Oregonian, Seattle
12 cs, Ohioan, Portland, Ore
UREA—1 bg, Ohioan, Portland, Ore
WHEY, DRIED—16 tons, Peter Kerr, Savannah
WAX, AUTO—2 cs, J A Moffett, Ketchikan
YEAST—2 sks, Oregonian, Seattle

Cargo Ship Arrivals

May 23 to June 5

New York

Aakre	Genoa*	June 2
Adderstone	Buenos Aires	June 1
Agwistar	Tampico	May 29
Alsund	Hernosand*	May 25
American Banker	London*	May 26
American Farmer	London	June 1
American Importer	Liverpool*	June 1
Ancon	Cristobal*	May 25
Angelina	San Juan	June 1
Antofagasta	Valparaiso*	May 27
Astrea	Maracaibo*	June 1
Beemsterdijk	Rotterdam	June 4
Bergensfjord	Oslo*	June 4
Black Condor	Antwerp*	June 5
Black Gull	Antwerp	June 1
Black Osprey	Antwerp*	May 26
Boren	Helsingfors	June 1
Borinquen	Trujillo*	May 25
Cacique	Pisco*	May 27
Calamares	Santa Marta*	June 3
Canadian Conqueror	Melbourne*	May 28
Carabobo	Puerto Cabello*	June 3
Carplaka	Gothenburg*	May 25
Cavallo	Hull	June 3
Charles R McCormick	Astoria*	May 29
City of Manila	Liverpool	May 27
Clan Ross	Port Natal	June 1
Cliffwood	Gothenburg*	June 4
Clydebank	Calcutta*	May 29
Coamo	Trujillo*	June 1
Cold Harbor	Glasgow*	May 29
Edgar F Luckenbach	Portland*	May 25
Edwin Christenson	Astoria*	May 28
Emile Francqui	Antwerp	May 26
Emilia	San Juan	May 25
Erik Boye	Aalborg	May 29
Estrella	Marseilles*	June 2
Etna	Hernosand*	May 28
Europa	Bremen*	June 4
Excalibur	Beirut*	May 27
Exmouth	Genoa*	May 26
F J Luckenbach	Tacoma*	June 3
Fernwood	Manila*	May 27
Fort Amherst	St John's*	June 4
Fort Townshend	St John's*	May 28
Getsuyo	Bombay*	May 29
Guayaquil	Port au Prince*	June 1
Haiti	Cristobal*	May 25
Hallaren	Norrkoping*	June 2
Harisa	Hamburg*	June 5
Harmodius	Greenock	May 30
Heffron	Longview*	June 4
Helen Whittier	Honolulu*	May 24
Hern F Whiton	Seattle*	May 26
Hoegh Merchant	Kobe*	May 24
Javanese Prince	Hongkong*	May 28
Jean Jadot	Antwerp	June 5
Kansan	Portland*	June 3
Konigstein	Antwerp	June 4
Kota Inten	Batavia*	May 27
Kwansai	Manila*	May 27
Laconia	Liverpool*	June 1
Lages	Santos*	June 1
Lara	Curacao*	May 28
Mahronda	Calcutta*	May 27
Magallanes	Barcelona*	May 29
Maria	Trieste*	June 1
Matheran	Calcutta*	June 5
Mauna Kea	Hawiliwili*	June 2
Mauna Loa	Honolulu*	May 30
Minnequa	Gothenburg*	May 29
Missourian	Tampa*	May 31
Munargo	Havana*	May 28
Musa	Puerto Barrios*	May 28
Navemar	Genoa*	May 26
Nerissa	Trinidad*	May 25
New Texas	Freetown	May 28
Noshiro	Moji*	June 5
Onondaga	Astoria*	May 29
Oriente	Havana	May 29
Orizaba	Vera Cruz*	May 26
Panaman	Portland*	May 26
Paris	Havre*	June 3
Pastores	Cristobal*	June 1
Paul Luckenbach	Seattle*	June 1
Pennsylvania	San Francisco*	May 25
Platano	Puerto Barrios*	June 4
Polarland	Puerto Plata	May 27
Ponce	San Juan	June 2
President Hayes	Manila*	June 2
President Roosevelt	Hamburg*	June 5
Queen Mary	Southampton*	June 1
Quirigua	Port Limon*	May 31
Raby Castle	Batavia*	June 4
Rhexenor	Hongkong*	June 2
St Louis	Hamburg*	June 3
Sacramento	Seattle*	May 31
San Felipe	Seattle*	May 28
Sangstad	Manila*	May 29
San Juan	San Juan	May 26
San Simeon	Portland*	June 2
Santa Barbara	San Antonio*	May 26
Santa Lucia	San Antonio*	June 2
Santa Paula	San Francisco*	June 2
Scanpenn	Georgetown*	May 25
Schodack	Dunkirk*	June 2
Seatrain Havana	New Orleans*	May 28
Seatrain New York	New Orleans*	June 2
Siboney	Vera Cruz*	June 2
Southern Cross	Buenos Aires*	June 3
Southern Prince	Buenos Aires*	May 27
Steel Trader	Warrenton*	May 30
Stjerneborg	Yokohama*	May 28
Tai Yang	Manila*	June 5
Texan	Tacoma*	June 4
Thode Fagelund	Santos	May 29
Ulua	Santa Marta*	May 27
Vulcania	Trieste*	June 4
West Cawthon	Port Natal*	June 1

* And other ports

Recent Charters

CREOSOTE—5,000 tons, S S Liss, Thames, two ports, Wilmington, Savannah and/or Pensacola, £2,650; May

PETROLEUM—11,000 tons, S S Vinga, dirty, United States Gulf, 12s 9d; Tampico, United Kingdom, Continent, 14s 3d; June
8,000 tons, S S Lincoln Ellsworth, gas fuel, Batoum, Algiers, 8s 7½d; May 28-June 5
9,000 tons, S S Aase Maersk, gas oil, Russian Black Sea, Hamburg and/or Ertvelde, 12s 3d; June
9,000 tons, S S Aino, gas oil, Constanza, Hamburg, 12s 6d; June
9,000 tons, S S Evita, clean, California, Germany, 21s; July
7,300 tons, S S Solsten, clean, Constanza, United Kingdom, 13s; June 10-25
14,000 tons, S S Diesel Tanker, dirty, Haifa, 6s 6d; Constanza, 7s; United States Gulf, 8s 3d; Bahrein, Teneriffe, 16s 9d; four years consecutive voyages, commencing December-January
10,000 tons, S S Montana, crude, Venezuela, Port de Bouc, 14s 6d; June
9,000 tons, S S Nausicaa, gas oil, Constanza, Hamburg, 12s 9d; May
2,800 tons, S S Beme, clean, Constanza, Alexandria, 8s; May
8,000 tons, S S Stigstad, gas lubricating, Batoum, French Atlantic, 13s 9d; May
10,500 tons, S S Orkanger, clean, Aruba, Curacao, United Kingdom, Continent, 12s 6d; June
8,500 tons, S S Britta, gas oil, Aruba, Curacao, United Kingdom, Continent, 12s 3d; June
9,500 tons, S S La Habra, clean, United States Gulf, United Kingdom, Continent, 14s 4½d; June
8,000 tons, S S Liss, dirty, Tampico, United Kingdom, Continent, 14s 3d; June
7,000 tons, S S Buesten, casinghead oil, United States Gulf, United Kingdom, Continent, 16s 9d; extra France, 1s 6d; June 10-25
9,500 tons, S S Belita, dirty, Tampico, Hamburg, 15s; June
11,500 tons, S S Fosna, dirty, United States Gulf, 14s 3d; Tampico, United Kingdom, Continent, 14s 9d; May-June
14,000 tons, S S Gretafield, crude, Aruba, Curacao, United Kingdom, Continent, 12s 6d; June
9,500 tons, S S William Strachan, crude, Haifa, Tripoli, United Kingdom, Continent; June 20-30
9,500 tons, S S Gylfe, dirty, Aruba, Curacao, Trinidad, United Kingdom, Continent, 12s; option intermediate trips to Islands; June
4,000 tons, S S Mexico, gas fuel, lubricating, Batoum, La Goulette, Sete, St Louis du Rhone, about 12s 6d; May 15-31
9,500 tons, S S Norefold, dirty, Caribbean Sea, Monte Video, 12s 9d; Buenos Aires, 13s 9d; Campana, 13s 6d; June
10,000 tons, S S Glittre, clean, Russian Black Sea, Vladivostok, 27s; June
8,500 tons, S S Nina Borthen, clean, Russian Black Sea, New Zealand, 30s; June
9,000 tons, S S Clydefield, dirty, Aruba, Curacao, United Kingdom, Continent, 12s; June
13,000 tons, S S Thorsheimer, dirty, Aruba, Curacao, United Kingdom, Continent, 12s; June
10,500 tons, S S Teddy, dirty, Aruba, Curacao, United Kingdom, Continent, 12s; June
7,500 tons, S S Sylvafield, crude, United States Gulf, Hamburg, 14s 3d; June 10, canceling

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended May 27

Caraway seed, 200 bags; filthy.
Chlorophyl, technical, 15 kegs; restricted use.
Fennel seed, 111 bags; filthy.
Mace, 5 cases; filthy.
Medicinal preparations, 3 cases; false therapeutic claims.
Valerian root, 20 bales; not U.S.P.

Atlanta

Week Ended May 27

Medicinal preparation, 1 case; false therapeutic claims.

Baltimore

Week Ended May 20

Milk powder, 100 bags; contains excessive moisture.

Boston

Week Ended May 20

Cocoa beans, 10 bags; damaged.

Philadelphia

Week Ended May 20

Codliver oil, poultry, 150 barrels; restricted use.
Tea siftings, 1 bag; restricted use.

San Francisco

Week Ended May 21

Medicinal preparations, 71 pieces; false therapuetic claims.
Codoil, 15 drums; restricted use.
Poppy seed, 50 bags; filthy.
Wool grease, 85 drums; restricted use.

Seattle

Week Ended May 21

Medicinal preparations, 5 pieces; false therapeutic claims.

Drug Bill Changed In Major Respects

(Continued from page 48)

Chapter VI

False Advertisement

Section 601 (a).—The qualifying phrase, "relevant to the purposes of this act," has been eliminated from the definition of false advertisement. Advertising of devices is specifically included. The qualifying word, "demonstrable," has been eliminated from the term, "demonstrable scientific facts."

Drug Trade Advertising Not Exempted

(b).—The wording of this paragraph has been changed. The list of proscribed diseases remains the same. Exemption of advertisements to the pharmaceutical profession has been eliminated; but the exemption of advertising to the medical profession has been broadened to include all advertising of drugs (but not of devices), not only that with reference to the proscribed diseases. This exemption is now provided in paragraph (c), as follows:—

"Notwithstanding any provision of this section, no advertisement of a drug shall be deemed to be false or misleading under this section if it is disseminated only to members of the medical profession and/or appears only in the scientific periodicals of that profession."

Exemptions Authorized

There is no specific exemption of advertising "disseminated only for the purpose of public health education," but general exemption is provided for under the following condition:—"Provided, That the secretary shall establish exemptions from the provisions of this subsection [(b), relating to proscribed diseases] in the case of drugs and devices with respect to which such a representation as to therapeutic effect would not, in his opinion, be a violation of subsection (a)."

Advertising Control by F.T.C.

The provisions in the house bill, which delegate to the Federal Trade Commission the administration of the measure with respect to its application to advertising is contained in the following new section:—

"Section 602 (a).—The Federal Trade Commission is hereby empowered and directed to prevent (1) the dissemination, or the causing of the dissemination, of any false advertisement by United States mails, or in interstate commerce by radio broadcast or otherwise, for the purpose of inducing, directly or indirectly, the purchase of food, drugs, devices, or cosmetics; (2) the dissemination, or the causing of the dissemination, of any false advertisement by any means for the purpose of inducing, directly or indirectly, the purchase of food, drugs, devices, or cosmetics in interstate commerce.

"(b).—Whenever the Commission shall have reason to believe that any person has disseminated, or is disseminating, or has caused or is causing the dissemination of, any false advertisement by any of the means and for the purpose specified in subdivision (a) of this section, and it shall appear to the Commission that a proceeding by it in respect thereof would be to the interest of the public, it shall proceed to prevent the same in the same manner and by the same procedure as provided by section 5 of an Act of Congress approved September 26, 1914, entitled 'An Act to create a Federal Trade Commission, to define its powers and duties, and for other purposes,' as amended. The provisions of said section 5 and of sections 6, 9, and 10 of said Act, as amended, shall apply, for purposes of enforcement of the provisions of this section, insofar as they may be applicable. The circuit court of appeals shall have the same jurisdiction to review the orders of the Commission and to enforce the same, and shall review and enforce the same, as provided by said section 5.

"(c).—The Secretary shall report to the Federal Trade Commission on all cases of false advertising, to which subsection (a) may apply, that may come to his knowledge and submit therewith any evidence he may have together with any reports and scientific knowledge of his Department relative thereto."

Chapter VII

Section 701 (a).—Provisions to be enforced by the Federal Trade Commission are excepted from the statutory authority of the Secretary of Agriculture to promulgate regulations.

(b).—The designation of the section referred to has been changed from 714 to 712 because of changes in numbering.

(c).—Provisions to be enforced by the Federal Trade Commission are excepted from the mandate on hearings to be conducted by the Secretary of Agriculture. Definitions of the act are given a superior standing by the following new paragraph:—

"(d).—The definitions and standards of identity promulgated by or in accordance with the provisions of this Act shall be effective for the purposes of the enforcement of this Act, notwithstanding such definitions and standards as may be contained in other laws of the United States and regulations promulgated thereunder."

No Court Review of Regulations

Section 702, providing for review and restraint by United States courts of regulations promulgated under the act, has been eliminated, and no provision for court review is otherwise made.

No Advisory Committees

Section 703.—Subsections (a) and (b), providing for advisory committees on regulations on drugs and foods, have been eliminated. The Secretary of Agriculture is required, as in the senate bill, to give thirty days' notice of a public hearing on any contemplated regulation, and, also as in the senate bill, no regulation except on exemptions under section 402 (g) shall become effective prior to ninety days after its promulgation.

Section 704.—The provision for advisory committees from industries and the public, on general administrative policies has been eliminated.

Section 705.—This is now section 703, and it has been expanded to define the examination and investigation procedure relative to food (formerly in section 706). Subsection (b) requires that a part of the official sample taken for analysis be given, at request, to "any person named on the label"; but the secretary is authorized, by regulations "to make such reasonable exceptions from, and impose such terms and conditions relating to, the operation of this sentence as he deems necessary for the effectuation of the purposes of this Act." Treasury Department records relative to alcoholic beverages and medicinal liquors are opened to inspection by the Department of Agriculture.

Section 706.—This is now section 704. It has been changed to require that the inspection of carriers' records be made "at reasonable times."

Factory Inspection

Section 707.—This is now section 705. The declaration of purpose with which the senate bill's section opened has been replaced with the simple statement, "For purposes of enforcement of this Act." The request to inspect is not now required to be "reasonable," but entry and inspection of factories must be "at reasonable times."

Offenses and Penalties

Section 708.—This is now section 706. Subdivision (6) of paragraph (a) has been reworded, with no change of effect. Subdivision (9) of paragraph (a) has been reworded to take care of the different numbering of sections, also to permit disclosure of certain information to "officers or employees of the Department," instead of "his [the secretary's] officers or employees." The maximum fine for a second offense is raised from $3,000 to $5,000. The provision for a civil penalty (708 [b]) for violations of the advertising provisions of the act has been eliminated in keeping with the basic change to the jurisdiction of the Federal Trade Commission, and violations of these provisions are omitted from those for which particular penalties are provided (708 [c]) in cases of willful violations.

Section 708 (d).—This paragraph, providing exemptions for publishers, radio concerns, and advertising agencies, has been eliminated because of the change to F.T.C. control of advertising.

(e).—Reference to dealer advertising has been omitted because of the change to F.T.C. control, and copies, not originals, of relevant documents are required to show a dealer's guaranty.

Section 710.—This is now section 708. Reference to civil proceedings for advertising violations is omitted. The hearing to be afforded is imited to "the person against whom proceedings are contemplated," instead of being open to "interested persons."

Multiple Seizures

Section 711.—This is now section 709. It has been reworded, but still provides that there shall be, as a general procedure, no multiple seizures for misbranding except (italicized exceptions are new) "(1) when such misbranding has been the basis of a prior judgment in favor of the United States, in a criminal, *civil penalty, injunction* or libel for condemnation proceeding under this Act, or (2) when the Secretary has probable cause to believe from facts found by him that such misbranding of the article renders it imminently dangerous to health *or is, in a material respect, false, misleading, or fraudulent.*" The consolidation and location of libel actions have been separated into paragraphs (a) and (b). The proceeding in a multiple seizure action may be in "any district adjacent to the claimant's principal place of business" (formerly "district of the claimant's residence") or "any other district which may be agreed upon by stipulation between the parties to the proceeding." In single seizure actions the location of the proceeding shall be at the claimant's reasonable request.

No Limiting by Courts

Section 711 (f).—The provision that Federal courts should have jurisdiction to limit multiple seizures by injunction has been eliminated.

Injunctive Restraint

Section 712.—This is now section 710. The restraint of repetitious offenses by court injunctions is continued, but this does not apply to violations of the advertising provisions, because of the change to F.T.C. control, as the commission's cease and desist orders are tantamount to injunctions.

Section 713.—This is now section 711. United States attorneys are required to act on information furnished by the Secretary of Agriculture, but not on evidence furnished by State or local health or drug officers, even when these have been duly authorized by the secretary to cooperate with him. Exception is made, in the matter of procedure, with reference to actions by the Federal Trade Commission, but the exceptions relative to sections 702 and 711 are not specified.

Section 715.—This is now section 713. The wording of paragraph (b) has been materially changed, so that the secretary may cause to be disseminated information "in situations [not cases] involving, *in the opinion of the Secretary,* imminent danger to health or gross deception of the consumer.

Huisking Back from Europe

Charles L. Huisking, president of Charles L. Huisking & Co., and also of the Conti Products Corporation, this city, returned from Europe on the S.S. "Washington" after an absence of several weeks. It is Mr. Huisking's custom to make an annual trip to Europe for the purpose of conferring with the European connections of his company. This year he visited France, Italy, Switzerland, Germany, Norway and England and found business conditions in those countries fairly good in most instances. As usual, he was accompanied by Mrs. Huisking.

Business Opportunities—Classified

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words.

Payable in advance at 12 Gold Street, New York

Agencies Wanted

MATERIALS for petroleum industry or general chemical line (industrial preferred) for Pacific coast territory. Have been selling for many years petroleum products and output of chemical plant producing single item. Am in position to give real sales service for additional account. Commission basis only, without advances. Clarence E. Condon, 57 Post street, San Francisco.

Agents Wanted

DIRECT IMPORTERS of chemicals and raw materials, open to appoint agents, invite correspondence from established sales organizations in consuming centers. BOX 441, Oil, Paint and Drug Reporter.

MANUFACTURER OF paints and varnishes, located in east, modern plant and laboratory, producing shelf-goods, industrial and specialized finishes, wishes connection with jobbers or selling agencies desiring goods on a cost-plus basis. BOX 444, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—800 tons bone char. Liquidation of all machinery and equipment of the Spreckels Sugar Refinery, including: six Vallez No. 4 filters; twenty-six Shriver 32 inch by 32 inch filter presses; sixty bronze basket centrifugals; seven Oat & Sons vacuum pans, copper coils; one Swenson and one Oat triple effect evaporators; one Oat quadruple effect evaporator; ten Hersey rotary dryers, 6 feet by 23 feet and 6 feet by 30 feet; thousands of tons of cast iron and steel pipe and fittings, ½ inch to 24 inch; two hundred motors from ¼ to 75 H.P.; complete chemical and research laboratory with complete library. Miscellaneous: vacuum centrifugal and steam pumps, compressors, engines, boilers, generator sets, blowers, packaging machinery, electrical trucks, screens, scales, tanks conveyors, bucket elevators, etc. Send for 32-page catalogue. Address all inquiries to Consolidated Products-Spreckels Liquidation, Yonkers, New York—Telephone Yonkers 2400.

FOR SALE—At real bargain prices. Three and 5-roll Lehman roller mills, horizontal and vertical; also National Equipment roller mills, Hardinge Conical ball mill with superfine air purifier. Union Standard Equipment Co., 318 Lafayette street, New York, N. Y.

Equipment Offered

FOR SALE—Five Day 800-pound dry mixers, Schutz O'Neill 20-inch limited mill, Day rapid sifter No. 3, Kent 8-inch motor-driven stone mill. BOX 434, Oil, Paint and Drug Reporter.

FOR SALE—De Laval centrifugal oil separator, No. 700, with 3-phase motor. Machine is as good as new, and can be purchased for about 40% of the standard price. BOX 435, Oil, Paint and Drug Reporter.

FIND WHAT you want right in New York City. Pony-mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms Harvey Equipment Co., 123 Bleecker street. Spring 7-8955.

VARNISH-FIRES installed by expert, Anthony Nebulyte burners, used. Any furnace design desired. Any location. Best references. Otto Penzenstadler, 9 Ridgewood place, Brooklyn, N. Y.

PEBBLE MILLS, 25 and 60 gallons; 7½ HP Reeves drive; 24-inch cast iron filter presses; 4 Truck dryers. Edw. W. Lawler, Inc. Durham avenue and L. V. R. R., Metuchen, N. J.

Factories Offered

MODERN FACTORY; two-story brick, 60x100; high ceilings, high pressure boiler, large elevator, large water, gas and sewer connections, enclosed yard; unrestricted district Brooklyn; low rent. The R. L. Kraft Company, Woolworth Building. Cort 7-9377.

Materials Offered

SAW PALMETTO BERRIES. A. B. Wilkinson, Edgewater, Fla.

Positions Vacant

WANTED: Experienced paint and varnish formulator for complete line in growing concern in the South. Excellent opportunity for the right man who is not afraid to work. Give complete details and salary expected. BOX 423, Oil, Paint and Drug Reporter.

WANTED: Commission salesman contacting paint trade and furniture manufacturers, desiring to represent shellac bleacher in the sale high-grade shellac varnish. Following territories available: New York City, New Jersey, Eastern Pennsylvania and all States west of the Mississippi (St. Louis, Mo., excepted). BOX 430, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST WANTED: Leading paint and varnish manufacturer in metropolitan New York has important position open for chemist. Must know how to formulate synthetic finishes, and be thoroughly familiar with synthetics and production finishes. Substantial salary, depending upon experience and qualifications Only men with good experience in synthetic field will be considered. Replies must give complete experience, training and former connections to receive consideration. BOX 440, Oil, Paint and Drug Reporter.

CHEMIST WANTED whose experience covers use of colors in oils, varnishes, enamels in natural gums, phenolic and alkyd type resins. Opportunity for a young man of pleasing personality and initiative who desires to become a salesman. Location New York. Answer full particulars and salary. BOX 442, Oil, Paint and Drug Reporter.

ARE YOU now employed and controlling a large dealer or industrial trade, or both and making no headway? To such a person, a reputable New York paint and varnish manufacturer offers a profit-sharing arrangement without investment. Our salesmen know of this "ad." Write for interview in confidence. BOX 445. Oil, Paint and Drug Reporter.

Positions Wanted

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 394, Oil, Paint and Drug Reporter.

CREDIT and collection man for paint manufacturer or allied line; experienced in handling difficult credit problems and keeping receivables in liquid condition; also general accountant and all around assistant. BOX 395, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, chemist—7 years' experience with practical uses of colors in artist and allied materials. Also graphite products and waxes. Good formulator and capable manager. Desires responsible position in research, development, or production. Best references. BOX 422, Oil, Paint and Drug Reporter.

EXPERIENCED EXECUTIVE in paints and varnishes is now available. Proven sales record. Excellent references. Would prefer connection with manufacturer of full line. BOX 424, Oil, Paint and Drug Reporter.

Positions Wanted

EXPORT MAN, young, ex-manufacturers' agent abroad. Expert accountant and auditor. Speaks Spanish fluently. Wishes connection in domestic or foreign staff or to act as combination export manager. BOX 429, Oil, Paint and Drug Reporter.

TECHNICAL GRADUATE, raw materials, sales and formulation; desires position selling for manufacturer. Excellent references. BOX 432, Oil, Paint and Drug Reporter.

CHEMIST—M.S., experience includes superintending, production and research in floor treatments, including all types of waxes. Original and radically different formulations now in production. Trained in organic and biological chemistry, and in bacteriology and pharmacology. BOX 431, Oil, Paint and Drug Reporter.

SALESMAN—Paints and varnishes with large dealer; following metropolitan territory; is open for sales proposition from reputable manufacturer; record and references of highest order. BOX 436, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with especial experience in the making of tartaric acid, the tartrates and in chemical processing. BOX 437, Oil, Paint and Drug Reporter.

CHEMIST and sales engineer having eight years' work in making and selling plastics, resins and non-ferrous metals. BOX 438, Oil, Paint and Drug Reporter.

COLUMBIA CHEMICAL engineer, full course, M.S., 1934, single, some experience in research and plant design. Well recommended by professors under whom he studied and has excellent references. Can follow the conversation, but is absent from the sense of hearing. BOX 439, Oil, Paint and Drug Reporter.

CHEMIST, experienced in montan, carnauba and beeswax bleaching, wax compounding and other wax products; desires manufacturing position. BOX 443, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

6—Pebble Mills, 3'x3'6", 3x4, 4'6x3'6, 4x6, 5x4, 54"x4', 6x5.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Morris single punch Tablet Machines, ¼" to 2" dia.
3—175 gal. heavy gauge Copper Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, several with sifters; 800, 1,200, 1,500, 1,600, 2,000, 2,200 and 4,000 pound capacity.
1—Colton No. 10 worm type Paste Filler.
2—Ross 18" watercooled, motor driven Iron Mills.
1—Kent 12x30 w.c. Roller Mill.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
2—Ross Paste Mixers, 30 and 72 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—300 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—Werner & Pfleiderer Jack. Mixers, size 15, heatable sigma blades.
1—42x42" Shriver Iron Filter Press.
1—Lake Shore Double Drum Dryer, each drum 4x12'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 535 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Fertilizer Materials

(Continued from page 56)

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80; bulk lots are quoted at $25.50, all ex-vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $31.50.

SUPERPHOSPHATE. — Domestic is quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 80c. to 85c. per unit; foreign 80c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $42 per ton, f.o.b. San Francisco in cars, prompt shipment. Futures, $34. Japanese sardine meal, spot, quoted at $33 per ton, with June/July shipment from the Orient at $30.50, c.i.f. Pacific Coast ports.

TANKAGE.—Local packing house tankage, ground, quoted nominally at $2.85 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment, Argentine ground tankage quoted nominally at $2.85 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic, ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit.

BONE MEAL.—Domestic 1 percent and 70 percent, quoted at 24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD.—Domestic quoted at $2.60 per unit, prompt shipment, f.o.b. cars, Los Angeles, and $2.50 San Francisco. Argentine and New Zealand meal quoted at $2.65, nominally, c.i.f. Pacific Coast.

New England Paint Club Outing

The Paint and Oil Club of New England will hold its annual outing June 10, at the Kernwood Country Club, Salem, Mass. There will be a short business meeting and long entertainment, including golf and other amusements, with a long list of prizes, and "Seven stupendous acts right from Broadway," including singing, dancing, music, acrobatics, fan dances and other features. The club will vote on the changes in the constitution and by-laws, to make provision for a new clause E in accordance with the constitution of the National Paint, Varnish and Lacquer Association. E. V. Peters, national chairman of the membership committee of the national organization will be the special guest of the club.

Warner-Quinlan Opposes Rate Rise

The Warner-Quinlan Company, Warners, N. J., has filed a complaint with the Interstate Commerce Commission against rates of 13 cents to 21 cents per 100 pounds on liquid asphalt, carloads, from Warners, N. J., to destinations in New York and Rhode Island.

Obituaries

Alexander Mackay

Alexander Mackay, for many years director in the Royal Dutch Shell Oil group and instrumental in forming the Shell Union Oil Corporation, operating in every state in this country, died May 24 in his home, Glencruitten, Oban, Scotland. Mr. Mackay celebrated his eightieth birthday at his American home, Lake Alfred, Fla., January 8 and only recently returned to Scotland. At the time of his death he was senior partner of the Mackay & Irons Company, accountants, of Dundee and New York. In 1882, with a number of Scottish associates, he formed the Matador Land & Cattle Company, owning more than 1,000,000 acres in Texas and probably the largest herd of Hereford cattle in the world. He was interested in citrus and cattle ventures in Florida. He had visited the United States annually since 1880.

William M. Teetsel

William M. Teetsel, well known in petroleum and lubricating oil trade circles with which he had been identified for many years, died May 23 at his home in Montclair, N. J. He was sixty-four years old. He was associated with the Fiske Brothers Refining Company of this city for 45 years and at the time of his death was vice-president of that company. He was a member of the Oil Trades Association of New York and also of the Petroleum Institute. Funeral services were held May 25 at his home and interment occurred May 26 at Saugerties, N. Y., where he was born.

William A. Banta, head of the oil products firm of William A. Banta & Co., of the New York Produce Exchange, died May 21 in the Broad street hospital, this city, following injuries received when struck by a taxicab. He was sixty-five years old. He was formerly president of the Cortelyou Club. Surviving are his wife, Mrs. Emily Banta, and a daughter, Miss Ethel Banta.

Thomas E. Bresnan, formerly manager of the claims department of the Socony-Vacuum Oil Company, died in Sarnia, Ont., May 28, after many months' illness from a heart ailment. He was forty-four years old. Mr. Bresnan was born in Oil City, Pa., where two brothers and two sisters reside. Surviving are his wife and a small son, who are in Sarnia.

Dorset Carter, retired oil operator and railway executive, died in Oklahoma City, Okla., May 25. He was sixty-two years old. Mr. Carter was owner of the Twin Hills golf course, near Oklahoma City, and the father of Keefe Carter, former Western amateur golf champion.

Alphabetical Index to Advertisements

Advance Solvents & Chemical Corp —
Alexander, Jerome 56
Allied Industrial Alcohol Corp —
American British Chemical Supplies, Inc —
American Can Co —
American Chemical Products Co —
American Chlorophyll, Inc 41
American Commercial Alcohol Corp —
American Cyanamid & Chemical Co. 16
American Distilling Corp —
American Flange & Mfg. Co —
American Fluoride Corp —
American Potash & Chemical Corp. 46
Anaconda Lead Products Co —
Anderson-Prichard Oil Co —
Apex Chemical Co., Inc —
Atlantic Refining Co —
Atlantic White Sea & Baltic Co., Inc. 47
Aue, F., & Co., Inc —
Austin Co 12

Baker, J. T., Chemical Co 44
Barber Asphalt Co 40
Barclay Chemical Co., Inc 29
Barium Reduction Corp 29
Barrett Co 33, 55
Beck, Koller & Co., Inc 22
Becker, Moore & Co., Inc —
Bemis Bro. Bag Co 55
Benckiser, Joh. A —
Benzol Products Co 45
Bernard & Thorner 56
Binney & Smith Co 39
Bradley, A. J., Mfg. Co 40
Brode Corp., The 42
Bromund, E. A., & Co 42
Bruecke, Albert H 40
Bureau of Chem., N. Y. Produce Exchange 56
Bush, W. J., & Co., Inc —

Calco Chemical Co., Inc —
California Fruit Growers Exchange 66
Campbell, Harry T., Sons Co —
Carbide & Carbon Chemical Corp. 3
Carey, The Philip, Co 46
Cawood, Richard L., Co —
Chase Bag Co 65
Chemical Solvents, C. P., Inc 66
Chilean Nitrate Sales Corp 56
Church & Dwight Co 66
Cliffs Dow Chemical Co 1
Colloid Research Laboratory 56
Colton, Arthur, Co 40
Commercial Solvents Corp —
Consolidated Products Co 64
Continental Can Co —

Darling & Co —
Deep Rock Oil Corp —
Diamond Alkali Co 31
Dodge & Olcott Co —
Doggett, Stanley, Inc 40
Dow Chemical Co 47
Draper Mfg. Co —
Drury, A. C., & Co., Inc 29
Dunkel, Paul A., & Co., Inc 50
Du Pont de Nemours, E. L., & Co. 1

Eagle Picher Lead Co —
Eastman Kodak Co —
Ehrmann-Strauss Co 46
Ekroth Laboratories 56
Electro Bleaching Gas Co 8
Emery Industries Inc —
Empire Distilling Corp —
Eureka Machine Co 42

Falk & Co 42
Fezandie & Sperrie 35
Fischbeck, Chas., & Co., Inc 52
Franks Chemical Products Co —
Fritzsche Bros., Inc 51, 53

General American Tank Storage Co., Inc 14
General Carbon & Chemical Corp. —
General Chemical Co., Inc 32
General Dyestuff Co —
General Electric Co 23
General Plastics Inc 22
Givaudan-Delawanna, Inc 66
Glyco Products Co —
Gogarty, H. A., Inc 58
Grasselli Chemical Co 28
Gray, William S., & Co 1
Gray Industrial Laboratories 56
Greeff, R. W., & Co., Inc 1
Gross, A., & Co 41
Gruman, J. B., Co 58
Gulf Refining Co —
Gunn, Frank R 56

Hammond, W. A —
Hammond Paint & Chemical Co —
Harshaw Chemical Co —
Heekin Can Co —
Heyden Chemical Corp 45
Hochstadter Laboratories, Inc 56
Hopkins, J. L., & Co 49
Horn-Jefferys & Co —
Huber, F., & Co,. Inc 49
Huisking, Chas., L., & Co., Inc 46
Hutchinson, D. W., & Co., Inc 51

Imperial Color Works, Inc 39
Imperial Oil & Gas Products Co 37
Independent Mfg. Co —
Innis Speiden & Co —
International Pulp Co —
Irvington Smelting & Refining Works 29

Jackson, L. N., & Co., Inc 41
Jones & Laughlin Steel Corp 34
Jungmann & Co., Inc 29

Kapper, Frederick P., & Co —
Kentucky Color & Chemical Co 37
Kessler Chemical Corp —
Knight & Clark 56
Koppers Products Co 34
Krebs Pigment & Color Corp —

Laning, E. M., & Co., Inc 56
LaWall & Harrisson 56
Lewis, John D., & Co —
Lueders, Geo., & Co 51

Magnetic Pigment Co —
Magnus, Mabee & Reynard, Inc 51
Mallinckrodt Chemical Works —
Mathieson Alkali Works, Inc 18
McCormick & Co., Inc 49
McLaughlin Gormley King Co 49
McNulty, Jos. A 37
Mechling Bros. Chemical Co 32
Meh-Rit, Inc —
Merck & Co., Inc 5
Metasap Chemical Co —
Meurer Steel Barrel Co —
Miel, George A 56
Minnesota Specialty Co —
Monsanto Chemical Co —
Murray & Nickell Mfg. Co 49
Mutual Chemical Co 35

National Ammonia Co 1
National Aniline & Chemical Co —
National Lead Co —
National Milk Sugar Co., Inc 46
National Rosin Oil & Size Co 40
Natural Products Refining Co —
Neuberg, William, Inc 45
Neville Co —
New Jersey Zinc Co 38
New York Quinine & Chemical Works, Inc 24
Niacet Chemicals Corp 35
Niagara Alkali Corp —
Nichols Copper Co 30
Northwestern Chemical Co 52
N. V. Potash Export My., Inc 55

Orbis Products Corp 52
Orthmann Laboratories, Inc 56
Osborn, C. J., & Co 37

Pacific Coast Borax Co 1
Pacific Food & Drug Laboratories, Inc 56
Pacific Vegetable Oil Co —
Parsons, M. W 40
Pease Laboratories 56
Peek & Velsor, Inc 49
Penick, S. B. & Co 48
Pennsylvania Refining Co 53
Pennsylvania Salt Mfg. Co —
Pfaltz & Bauer 35
Pfizer, Chas., & Co —
Pittsburg Can Co —
Potash Co. of America —
Pressed Steel Tank Co 65
Procter & Gamble 41, 45
Propellair, Inc —
Purdy, W. S., Co., Inc 56
Pure Calcium Products Co —

Reilly Tar & Chemical Corp —
Rogers, Henry 56
Rolls Chemical Co 1
Rosenthal, H. H., & Co., Inc 51

Sadtler, Samuel P., & Sons, Inc 56
Schimmel & Co., Inc 51
Schwabacher, S., & Co., Inc 45
Schwarz Laboratories, inc 56
Seil, Putt & Rusby, Inc 56
Sharples Solvents Corp —
Sherka Chemical Co., Inc 46
Sherwood Petroleum Co., Inc 53
Siemon Colors, Inc 40
Skelly Oil Co —
Smead & Small, Inc 37
Smith, Kline & French Laboratories —
Snell, Foster D., Inc 56
Solvay Sales Corp 30
Sonneborn, L., Sons 66
Southwark Mfg. Co —
St. Joseph Lead Co —
Standard Ultramarine Co 37
Stauffer Chemical Co 46
Stillwell & Gladding 56
Stokes, F. J., Machine Co —
Stroock & Wittenberg Corp 20
Sun Oil Co —

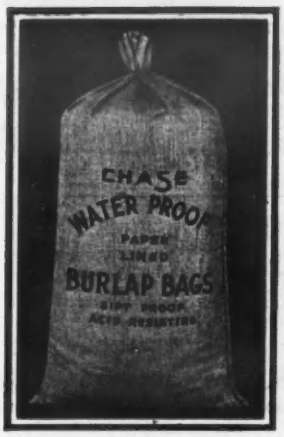
Taintor Trading Co 40
Tamms Silica Co 40
Tennessee Corp 29
Texas Gulf Sulphur Co., Inc —
Thompson-Hayward Co 29
Thurston & Braidich 40
Titanium Pigment Co., Inc —
Todd, A. M., Co —
Turner, Joseph & Co 29

Ultramarine Co —
Union Carbide & Carbon Corp 3
United Clay Mines Corp 35
U. S. Industrial Alcohol Co 9, 10
U. S. Industrial Chemical Co 9, 10
U. S. Phosphoric Products Corp 29
United States Potash Co 55

Vanderbilt, R. T., Co —
Victor Chemical Works 30
Vorce, L. D 56

Wackman Welded Ware Co —
Wecoline Products, Inc 42
Werk, The M., Co 41
Wiley & Co., Inc 56
Will & Baumer Candle Co —
Williams, C. K., & Co 40
Wishnick-Tumpeer, Inc 6
Woburn Degreasing Co. of N. J —
Wolf, Jacques, & Co —
Wyodak Chemical Co —

CHASE Reliable Water-proof Products



SAXOLIN WATER-PROOF PAPER-LINED BURLAP and COTTON BAGS

have been developed to promote better and safer packaging. The re-inforcement gives 3 fold strength, prevents contents from shifting and keeps direct and foreign material out. Eliminates loss by evaporation. Reduces the number of operations in the packing room, and saves time and space in the warehouse. Unexcelled for export and domestic shipments.

SAXOLIN CRINKLED LINERS FOR BARRELS, KEGS, DRUMS, CASES

designed by Chase, are made from the highest grade raw materials, under strict supervision. Constant repeat orders evidences their superiority.

Bag Form ... Sewed Bottom Type ... Tubes with separate tops and bottom pieces in Natural Brown Kraft or Blue.

Honestly made for exacting needs and not to fit a price.

Your Inquiries Will Receive Prompt Attention

"SAXOLIN is never sold under any other name"

CHASE BAG CO.

ESTABLISHED 1847

Department of Specialties CLEVELAND, OHIO

Economy Results from Scientific Strength

Strength is of prime importance in the design and construction of Hackney barrels, drums, tanks, etc.

The bilged barrel is cold drawn from a single plate of metal. The result is a completely seamless container of uniformly high strength.

For two reasons this strength insures an economical container: *First*, because Hackney containers have the ruggedness to stand up under years of hard service. *Second*, because scientific design keeps down the weight of Hackney containers.

When unusual strength is combined with moderate weight, an economical container results. That is why Hackney barrels and drums are today serving so many leading shippers in the paint field.

Hackney MILWAUKEE PRESSED STEEL TANK COMPANY

209 S. La Salle St. Bldg., Room 1142, Chicago 1319 Vanderbilt Concourse Bldg., New York 642 Roosevelt Bldg. Los Angeles 6615 Greenfield Ave., Milwaukee

Containers for Gases, Liquids and Solids

METHANOL (all grades) METHYL ACETONE

CHEMICAL SOLVENTS

Incorporated

11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OILS AND PETROLATUMS

For Pharmaceutical, Cosmetic and Industrial Purposes

WHITE MINERAL OILS

KAYDOL U.S.P. HEAVY
ORZOL U.S.P. HEAVY
PURITAN U.S.P. HEAVY
ERVOL U.S.P. LIGHT
BLANDOL U.S.P. LIGHT
CARNATION
KLEAROL

PETROLATUMS U.S.P. "PROTOPET"
ALL TYPES AND GRADES

SPECIALTIES

SONO-JELL—Base for liquefying cleansing creams, pomades, ointments, etc.
TRI-OL —Base for soapless oil shampoos.
DEO-BASE —Deodorized base for insecticide sprays.

L. SONNEBORN SONS, INC.

Refiners of White Oils and Petrolatums
Refineries: Petrolia and Franklin, Pa.
Los Angeles 215 West 5th Street

New York 88 Lexington Avenue
Chicago 400 West Madison Street

FINEST QUALITY

BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA

CHURCH & DWIGHT CO.

70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

IS LATEX ODOR

BOTHERING YOU ?

If you are using latex in textile fabrics, leather goods, paper or other merchandise the chances are that ODOR difficulties have arisen. Don't let them worry you. Givaudan can solve your troubles with

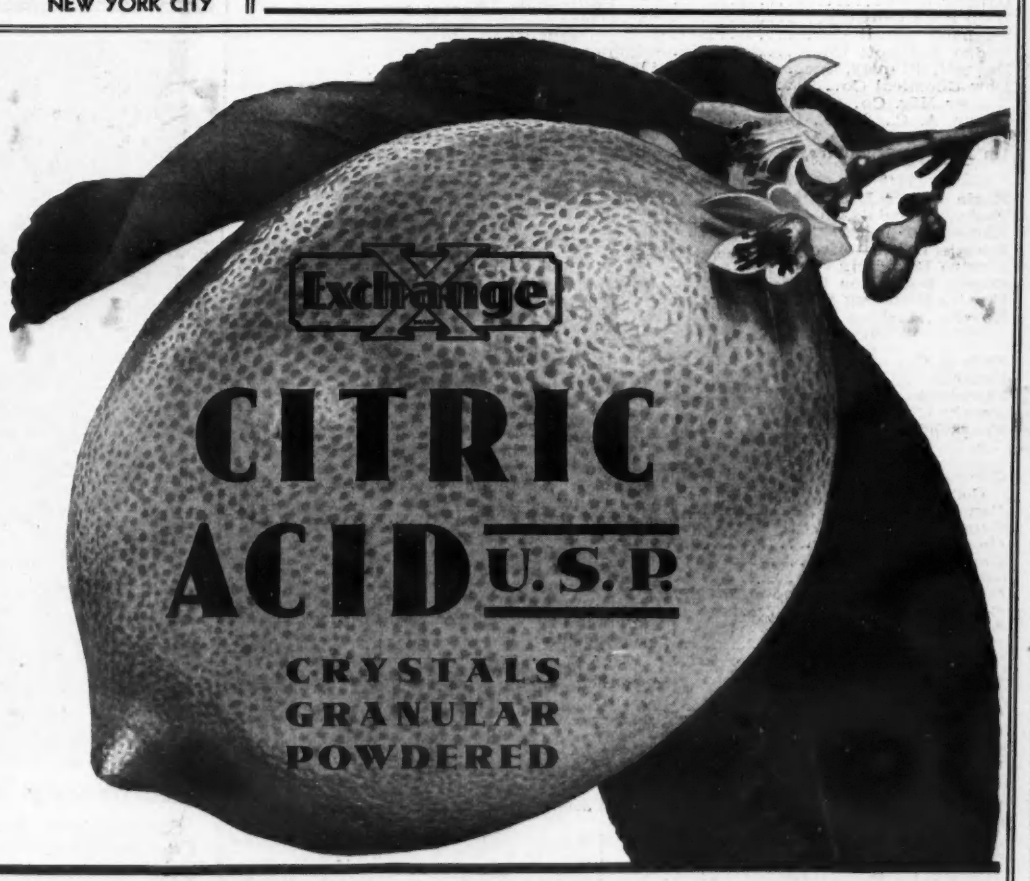
Latex Paradors

specially developed to combat the unpleasant odor of latex in a wide variety of products. Not only are Givaudan's LATEX PARADORS the most efficient ever produced; they also surmount all the obstacles that have hitherto made latex deodorizing difficult—discoloration, instability, non-compatibility, coagulation. There are five different types of LATEX PARADORS to choose from. Write us stating your special problem.

GIVAUDAN
DELAWANNA INC.
Industrial Aromatics Division
80 FIFTH AVENUE, NEW YORK, N. Y.

EXCHANGE Citric Acid is manufactured by the Exchange Lemon Products Company of Corona, California. Backed by the Sunkist group of 13,200 citrus growers—largest in the world.

Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.



MADE FROM AMERICAN LEMONS

Products Department

CALIFORNIA FRUIT GROWERS EXCHANGE

189 W. Madison St., Chicago, Ill. . . . ONTARIO, CALIF. . . . 99 Hudson St., New York, N. Y.